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This report describes the organization, purposes, and functions of the Commission, which include representatives from Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming. In September 1968, the first regional conference for state leaders of community colleges was held to discuss the role of state board members and their staffs in these growing systems of higher education in the West. Among the current programs of WICHE that concern the junior college is the Improvement of Nursing Curricula to revise the programs in western schools of nursing, from the associate degree through the master's, by applying research findings to clinical content. Each year, starting in 1967, four meetings are to be held for this purpose. Also, the nursing profession in the West has recognized a need to clarify the differences between BA and AA degree nursing programs by behavior and function of graduates. The 100 schools of the Western Council on Higher Education for Nursing have taken part in the Nursing Measurement Program by providing more than 1500 items for preliminary selection of nursing behaviors. The most pertinent items were chosen to make up a pilot questionnaire. This was submitted to a sample of nursing faculty and graduating students of the Council's member schools. The results will be analyzed to establish the differences between graduates of the two kinds of nursing education. (HH)

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WICHE is a public agency through which the people of the West work together across state lines to expand and improve education beyond the high school.

HISTORY:

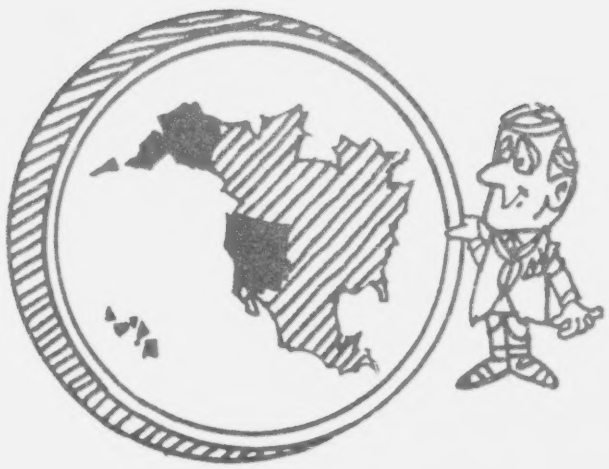
- was created to administer the Western Regional Education Compact, which has been adopted by the legislatures of all the 13 western states;
- was formally established in 1951, after ratification of the compact by five state legislatures; program activity began in 1953.

ORGANIZATION:

- is composed of 39 commissioners, three from each state, appointed by their governors; they serve without pay;
- is served by a small professional staff, supplemented by consultants, councils, and committees.

PURPOSES:

- seeks to increase educational opportunities for western youth;
- assists colleges and universities to improve both their academic programs and their institutional management;
- aids in expanding the supply of specialized manpower in the West;
- helps colleges and universities appraise and respond to changing educational and social needs of the region;
- informs the public about the needs of higher education.



PROGRAM AND PHILOSOPHY:

- serves as a fact-finding agency and a clearinghouse of information about higher education, and makes basic studies of educational needs and resources in the West;
- acts as a catalyst in helping the member states work out programs of mutual advantage by gathering information, analyzing problems, and suggesting solutions;
- serves the states and institutions as an administrative and fiscal agent for carrying out interstate arrangements for educational services;
- has no authority or control over the member states or individual educational institutions; it works by building consensus, based on joint deliberation and the recognition of relevant facts and arguments.

FINANCES:

- is financed, in part, by appropriations from the member states of $15,000 annually; nine states also contribute $7,500 each to participate in a regional mental health program;
- receives grants for special projects from private foundations and public agencies; for each dollar provided by the states during the past year, WICHE has expended more than six dollars from non-state sources; in the past 13 years, grants have exceeded $9.5 million.

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

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WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION ANNUAL REPORT-1968

UNIVERSITY OF CALIF.
LOS ANGELES

FEB 24 1969

CLEARINGHOUSE FOR
JUNIOR COLLEGE
INFORMATION

A REPORT TO THE GOVERNORS, THE LEGISLATORS AND THE PEOPLE OF THE 13 WESTERN STATES. WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION, UNIVERSITY EAST CAMPUS, BOULDER. COLORADO 80302, JANUARY, 1969

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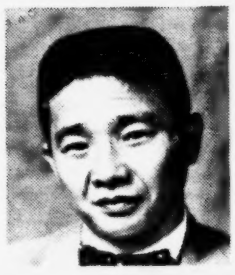

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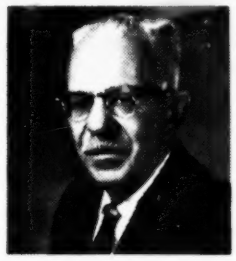

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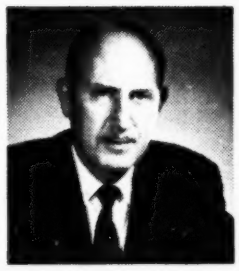
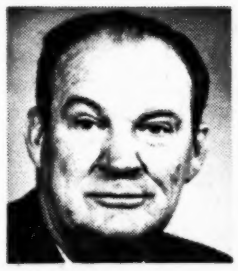

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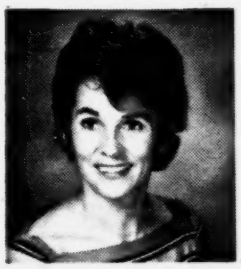

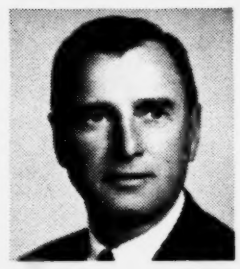

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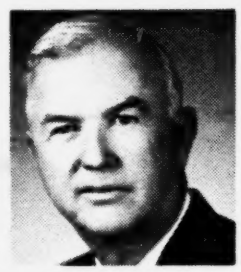
*__Mrs. David K. Watkiss,__ *Salt Lake City*
__Dr. Merle E. Allen,__ *Director, Coordinating Council of Higher Education*
__Peter W. Billings,__ *Salt Lake City*

WASHINGTON

*__Dr. Glenn Terrell,__ *President, Washington State University*
__Dr. Charles E. Odegaard,__ *President, University of Washington*
__Gordon Sandison,__ *State Senator, Port Angeles*



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__Dr. William D. Carlson,__ *President, University of Wyoming*
__Frank C. Mockler,__ *Lander*

*Members, Executive Committee

Chairmen of WICHE

1951-53	**Dr. O. Meredith Wilson**	Dean, University College, University of Utah
1953-54	**Dr. Tom L. Popejoy**	President, University of New Mexico
1954-55	**Dr. G. D. Humphrey**	President, University of Wyoming
1955-56	**Frank L. McPhail, M.D.**	Physician, Great Falls, Montana
1956-57	**Ward Darley, M.D.**	President, University of Colorado
1957-58	**Frank J. Van Dyke**	Attorney, Medford, Oregon
1958-59	**Dr. Fred D. Fagg, Jr.**	President Emeritus, University of Southern California
1959-60	**Dr. Richard A. Harvill**	President, University of Arizona
1960-61	**Alfred M. Popma, M.D.**	Physician, Boise, Idaho
1961-62	**Dr. C. Clement French**	President, Washington State University
1962-63	**Dr. Charles J. Armstrong**	President, University of Nevada
1963-64	**Dermont W. Melick, M.D.**	Physician, Phoenix, Arizona
1964-65	**Dr. Willard Wilson**	Secretary, University of Hawaii
1965-66	**Mrs. Thomas Scales**	Collector of Customs, Portland, Oregon
1966-67	**Dr. William R. Wood**	President, University of Alaska
1967-68	**Gordon Sandison**	State Senator, Port Angeles, Washington
1968-69	**Dr. Merle E. Allen**	Director, Coordinating Council of Higher Education, Utah

(Title listed indicates position at time of election to chairmanship)

In the past 13 years, WICHE has received more than $9,500,000 from public and private granting agencies for the support of a wide variety of regional programs which have contributed to the development of the 13 western states. Most of these agencies have made two or more grants to WICHE, thus underscoring a growing national interest in regional cooperation. In the last analysis, the people of the West are the ones who benefit from the investment of this risk capital, and on their behalf WICHE expresses appreciation to the organizations and agencies listed below.

Carnegie Corporation of New York
The Commonwealth Fund, New York
The Danforth Foundation, St. Louis, Mo.
Easter Seal Research Foundation, Chicago
The Ford Foundation, New York
The Grant Foundation, Inc., New York
United Cerebral Palsy Research and Educational Foundation, Inc., New York
W. K. Kellogg Foundation, Battle Creek, Mich.
U.S. Department of Justice
Office of Law Enforcement Assistance
U.S. Department of Health, Education, and Welfare
Office of Education
Office of Juvenile Delinquency and Youth Development
Public Health Service
Division of Chronic Diseases
Division of Community Health
Division of Nursing
Division of Regional Medical Programs
National Institute for Child Health and Human Development
National Institute of Mental Health
Rehabilitation Services Administration

A Message from the Director

Robert H. Kroepsch

FIFTEEN YEARS OF PROGRESS*

This report covers WICHE's fifteenth year of operation. To those of us who are closely identified with WICHE, each year has been exciting. But 1968 has been especially so. To a greater degree than ever new ground has been broken, new grants obtained, new services provided to the member states and to their institutions, and new methods developed for working together across state lines.

NEW PROGRAMS

Let me comment briefly on a few of WICHE's new programs.

Physical Therapy: This year the Student Exchange Program has been expanded to include physical therapy. Now students from those states which do not offer this course of study will have increased opportunities to prepare themselves for careers in this highly specialized field, thus helping to alleviate the critical shortage of health manpower.

Management Information Systems: A contract has been negotiated with the U.S. Office of Education to design, develop, and implement management information systems with a common set of uniform data elements. This five-year project has the support and cooperation of the region's major universities and state coordinating agencies. It promises to give all of us in the West reliable facts and figures to use in making major decisions about the higher education enterprise.

Heart, Cancer, and Stroke: A pilot project has been launched in Montana to provide nurses and physicians in small hospitals with training in the operation of intensive coronary care units. This is one of the operational programs under the Mountain States Regional Medical Program. The MSRMP is supported by the Health Services and Mental Health Administration of HEW. It is designed to ascertain the needs in Idaho, Montana, Nevada, and Wyoming for continuing education, for new health personnel, and for facilities to strengthen the capacity of physicians and other health professionals to treat heart disease, cancer, stroke, and related diseases.

Proposals have also been developed for these states to establish a tumor registry in conjunction with the State of Utah; to develop continuation education programs for health professionals in Montana; and to help develop a regional center in Idaho for the treatment of cancer and for the education of health professionals in the newest methods of cancer therapy.

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*The Western Regional Education Compact was officially adopted in 1951; however, program activity did not begin until 1953.

Mineral Engineering Education: All schools in the West offering programs in mineral engineering education are now participating in an educational and financial survey preliminary to a study of the feasibility of interinstitutional coordination in this field. The Ford Foundation is providing partial financial support for this study.

Economic Development: Seventy-five college students will deal with the problems of the real world while working in economic development agencies next summer under another new program. This student internship program, supported by the U.S. Department of Commerce, will bring these agencies into closer contact with university expertise. Young men and women will bridge the gap between school and work by handling research and action projects, identified by western development agencies.

Community Colleges: Last September, the first regionwide conference for statewide leaders for community colleges was held to discuss the role of state board members and their staffs in these newly emerging systems of higher education in the West.

State Personnel Directors: Another regionwide conference, supported by the National Institute of Mental Health, brought together state personnel directors for the first time to inform them of new trends in undergraduate education and manpower utilization designed to alleviate manpower shortages in mental health and related areas.

Four Corners Project: With funds from the Rehabilitation Services Administration as well as from the Four Corners Commission, a project has been undertaken in Arizona, Utah, New Mexico, and Colorado, to enhance the provision of available services to the mentally retarded and culturally disadvantaged residents of that area. The staff is developing a catalog of available services and also training indigenous people to act as points of referral and feedback.

Academic Administration: A new program, funded by the Danforth Foundation, has been established to develop and demonstrate models for continuing inservice education in departmental administration. These models can be adapted by colleges and universities for the administrative development of their own department chairmen.

Mental Health Personnel: With funds from the National Institute of Mental Health, WICHE has begun to develop a collaborative field of continuation education for mental health personnel on several levels. Leaders of western universities and treatment agencies have joined forces to plan this educational effort together.

New Proposals: Proposals have been developed and submitted to funding agencies in areas related to corrections and juvenile delinquency. Another seeks funds to assist junior colleges in the West to develop curricula that will prepare young people for careers in mental health, as aides and technicians.

NEW FACES, NEW MONEY

This unusual spurt of program activity in 1968 has resulted in a staff increase of 45 percent during the past year. The full-time professional and supporting staff now number 93. Of these, 48 are in the Boulder office. The others are working in specific programs in the field. It is important to note that most staff members are supported by funds other than those appropriated by the member states.

WICHE's total expenditures for all purposes for fiscal 1967-68 increased 24 percent over the previous fiscal year. A total of $2,753,686 was expended, of which $994,967 represents the direct payments from the states to schools for the Student Exchange Program (SEP). Most of the other programs are supported by funds obtained from nonstate sources. Last year, for every dollar received from state appropriations to support programs (other than the SEP payments) WICHE expended more than $6.00 from other public and private sources for regionwide programs of vital importance to the West.

ONGOING PROGRAMS

During 1968, WICHE continued to forge ahead on 16 other major ongoing programs. These are in the fields of nursing, mental health and mental retardation, education for the handicapped, medical education, and other aspects of higher education. Highlights of these programs, including evidence of their success, are to be found in the following pages.

PROBLEM-SOLVING

WICHE is, in many ways, a problem-solving agency. It began in the early 1950's by solving an educational problem for students without medical, dental, or veterinary medical schools in their home states. The solution was the Student Exchange Program. Over the years, as WICHE's capabilities have developed, requests have materialized for the Commission's aid in many other problem areas.

WHO DECIDES?

With so many problems in higher education crying for attention, the staff is often asked, "Who decides which ones are selected for attention?" The answer is, "The Commission does!" There are 39 Commissioners, three from each state, appointed by their Governors. Working through an Executive Committee of 13, one from each state, the Commission receives suggestions and recommendations from many sources:

. . . from the Western Governors' Conference and from the Western Legislative Conference of the Council of State Governments, as well as from individual governors, legislators, and other state officials;

. . . from college and university presidents, other educational officers, and members of the faculty and boards of control;

. . . from state and regional groups such as medical, nursing, and mental health organizations;

. . . from national voluntary agencies, such as the American Council on Education, the Council on Social Work Education, and the Joint Commission on Correctional Manpower and Training;

. . . and from individual members of the Commission and the staff.

However, before any funds are sought or allocated, the Commissioners review all proposals and approve them by formal action. Program development is—and will continue to be—one of their most important concerns.

WHAT ARE THE CRITERIA?

What are the criteria for program selection? What do the selected problem areas have in common?

First, they are regional problems with important implications for more than one state, often for all 13. In addition, there appears to be no other agency willing or able to tackle them.

Second, they are problems that lend themselves to interstate and interinstitutional cooperation, to the sharing of information and resources (both physical and human) across state lines and among institutions.

Third, they are problems to which the professional and lay leadership in the several states are willing to contribute their personal effort in an attempt to seek solutions.

Fourth, they are problems of sufficient importance that it is possible to raise funds from private foundations and/or public agencies to support qualified staff, expert consultants, advisory committees, and a variety of educational activities designed to solve or ameliorate the problems.

WICHE'S GOALS

Over the past 15 years, WICHE's goals have been developed and refined by the Commission as it has made its decisions about programs. The remainder of this report contains a brief outline of WICHE's broad and varied activities during 1968, organized under six headings. These headings, when taken together, serve as a statement of WICHE's goals.

More details about each program may be found in the Commission's publications: a list of this year's offerings appears on page 19. These documents spread to a larger audience the facts, information and ideas developed by WICHE's surveys, studies, conferences, institutes, and other activities. Through them, WICHE is increasing its regional impact, as well as its contributions at the national and international level.

Fifteen years ago skepticism was expressed as to whether or not the WICHE concept was viable. The evidence in this report suggests that interstate cooperation in higher education in the West is healthy and growing and that it is providing the member states with important and unique services. Already the return on the investment indicates that the western states made a wise decision in 1951 when they decided to work together under the Western Regional Education Campact.

Those of us who serve on the staff appreciate most deeply the continued interest and support of the governors, legislators, state officials, education and professional leaders, and especially of the Commissioners. Without their cooperation, this report would have to be less enthusiastic.

THE FUTURE

For many Americans from all walks of life, the past year has been a season of discontent. Evidence of public unhappiness is all about us. This unhappiness often explodes in anger, frustration—and sometimes in aggression.

One source of this discontent, but not the only one, is the failure of all of society's institutions, including our colleges and universities, to respond to the major problems of the day—or even to understand them.

WICHE has a special responsibility to serve as a catalyst to help our educational institutions change so as to adapt themselves to society's new and complex problems, to develop more relevant programs as well as more workable structures, to find new ways of establishing a sense of community on our campuses, to improve academic administration and commitment, and to enlist the moral support and backing of a larger segment of our people.

The future will provide WICHE with many new opportunities to respond to these challenges through regional cooperative action. There is little doubt that the next 15 years, too, will be years of excitement.

Robert H. Kroepsch

Robert H. Kroepsch
Executive Director

January 15, 1969
Boulder, Colorado

Highlights of Current Programs

WICHE's goal:

to improve the quality of education beyond the high school...

Not so many years ago, a high school education was considered the passport to the good life. But times have changed. Man has circled the moon, conquered a thousand scientific problems, and established specialities which were unheard of 50 years ago. Now, in this day of rapid change and growth, a college education and further specialization are virtual requirements.

The western states, through WICHE, are making a continuing effort to improve higher education on its many levels, which include not only the traditional four-year colleges and universities, but also community and junior colleges, inservice training and continuing education for professionals, and vocational and technical schools.

One example of WICHE's efforts to upgrade the quality in higher education is the Improvement of Nursing Curricula Program. The purpose of this program is to improve and revise the curricula in western schools of nursing—from the associate degree through the master's degree level —by applying research findings to clinical content.

This project is carried forward by a five-year series of annual meetings of faculty instruction and consultation for groups comprised of three faculty members from each western collegiate nursing education program. The attending faculty members are responsible for promoting these new curriculum ideas upon return to their home schools.

Each year, four such meetings are held at geographically-dispersed sites. Two hundred and ten nursing faculty attended such meetings in 1967, the first year of the five-year series; 246 attended in 1968; and more than 300 nursing faculty are expected to attend in 1969.

In a very different field, WICHE has launched a study of the western schools of mines with courses in mineral engineering education.

This study is being carried on by two special consultants—one, an expert in mineral engineering education, and the other, an expert in institutional management and budgeting. The study will discern areas for improvement in the educational and financial aspects of these programs.

After visiting and studying each of the western schools, the consultants will submit a report on the strengths and weaknesses of the programs in mineral engineering education, along with recommendations for possible improvement and coordination. This study was initiated at the request of several schools with programs in mineral engineering education, which were interested in improving their programs through interstate cooperation.

WICHE's activities to better the quality of education beyond the high school level are not restricted to campus settings. For example, the WICHE Corrections Program is trying to infuse the correctional field with concepts of higher education. The core of this operation will be pre- and inservice training for probation, parole, and institutional officers.

This corrections operation is being developed because of a lack of properly trained manpower in the correctional field.

At present, the Corrections Program is establishing state correctional manpower development committees which will plan this training. A next step will be a manpower survey to discover exactly who should be trained. This information will aid in the planning.

WICHE has also become involved with improvement of the quality of education on the junior and community college level.

This past year, a workshop for members of state boards for community colleges was held in San Francisco. The workshop focused on effective state board leadership in community college development.

The WICHE staff is presently designing a project which will assist states in their efforts to offer and improve community and junior college opportunities.

As this project will approach the improvement of community colleges generally, another planned WICHE program will attempt to make improvements in a very specific area: the training of mental health workers.

There is a definite trend in community colleges toward the training of mental health workers on the associate degree level to meet the manpower shortage in that field.

The goals for this proposed program on the community college level will be: (1) to assess the current development of mental health training programs on the community college level: (2) to focus on the role of the mental health worker in rural areas, where there is a great need for such services; (3) to examine minority groups as a potential source for recruiting students into these programs; (4) to develop career lines allowing both horizontal and vertical mobility and enhance employment possibilities; and (5) improve the provision of mental health services.

WICHE's goal: to expand educational opportunities, including those in continuation education...

The West has been especially sensitive to the knowledge explosion. And westerners are concerned with meeting both new and long-standing problems through higher education, particularly in areas of specialization, such as medicine, dentistry, veterinary medicine, nursing, psychiatry, and economic development.

The Student Exchange Program, WICHE's longest continuous program, was started in the academic year 1953-54 to provide an opportunity for western youth for education in the health fields.

Through WICHE's efforts, residents of states without schools of medicine, dentistry, veterinary medicine, dental hygiene, are able to attend these professional schools in other states with special consideration. They pay only in-state tuition fees in public institutions and receive a substantial rebate from private schools. In return, the home state pays the receiving institution a "support fee" to help pay for the actual cost of the student's education.

This year physical therapy has been added to the list of educational opportunities available through the Student Exchange Program.

Over the years, the Student Exchange Program has grown. It started in 1953 with 41 students at three institutions with support fees amounting to $70,000. Over the past 15 years, the program has expanded to 28 schools and colleges, has provided 5,608 students years of support, and $9,271,098 in support fees have been paid.

Please refer to chart on page 44 for more details.

The Student Exchange Program provides one type of educational opportunity for prospective doctors from the medical school-less western states of Alaska, Idaho, Montana, Nevada, and Wyoming. Another solution would be to establish medical education facilities within these states. The Commonwealth Medical Education Program in States Without Medical Schools was initiated in 1965 to research the possibilities of this second approach.

As a result of the Commonwealth program activities, two states—Idaho and Nevada—are undertaking feasibility studies for the establishment of medical schools. A symposium of interested persons, medical school representatives, and consulting experts was held on the topic, "Medical Education for Sparsely-Settled States." At this symposium, a proposal was presented for interstate planning and programing in medical education. In the coming year, WICHE plans to develop a working model of this proposal, plus cost projections.

WICHE's Mountain States Regional Medical Program takes another approach to solving the medical problems and educational needs of this four state area. Funded by the Health Service and Mental Health Administration, this program is attacking those high mortality areas of heart disease, cancer, and stroke. Basically an educational program, the Mountain States RMP endeavors to improve patient care, complement the establishment of medical education, and develop and strengthen programs of continuing education for health professionals.

The Mountain States RMP, which has 43 persons working in six field offices, has surveyed the health care practices, needs, and attitudes of the four states and has assembled detailed information on the health resources in each community.

One continuing education program is now fully operational in Missoula, Montana. It is training doctors and nurses from small hospitals in intensive coronary care. Similar training courses are being considered for Reno and Las Vegas, Nevada; Pocatello, Idaho; and Casper, Wyoming.

Approximately 140 persons donate their valuable time and wisdom in advisory capacities to counsel and direct the progress of the Mountain States RMP.

Approaching continuing education from a different angle, WICHE has sponsored short-term continuing education programs in nursing since 1958. These programs are designed to prepare nursing leaders to better handle the leadership aspects of their positions.

Over the years, approximately 2,-300 nurses have enrolled in courses to improve leadership skills in teaching, supervision, and administration. The long-range goal of these courses is to improve the quality of patient care.

Four hundred and fifty registered nurses in leadership positions from all 13 western states attended such courses during 1967-68. The classes were conducted at eight universities from Montana to Hawaii with nurses from 20 colleges and 25 service agencies serving as faculty.

Another style of continuing education being handled by WICHE is the Continuing Psychiatric Education Program for Physicians. This WICHE effort is designed to enhance the psychiatric knowledge and skills of general practitioners in order to handle the large numbers of emotionally and mentally ill patients who do not live in those urban areas where such aid is accessible.

Under this WICHE program, more than 750 general practitioners have received psychiatric training in 70 courses. Conducting these courses were psychiatrist-teachers, graduates of a second phase of this program. More than 200 psychiatrist-teachers have benefitted from 12 WICHE training sessions, which have been given in cooperation with six western universities.

WICHE has also helped many western states set up their psychiatric training programs and is working actively with directors of postgraduate programs for physicians throughout the West to increase the availability of training on a subregional level.

Economic development is another area in need of well-trained manpower. Thus, WICHE has recently initiated the Student Internship Program in Economic Development.

In the coming summer, 75 students, ranging from college juniors to graduate students, will spend their vacations handling action and research projects in the area of economic development.

This program has three objectives. First, it will broaden the students' learning experiences by providing heretofore unavailable field experience. Secondly, it will inject the field operations with the energies and enthusiasms of bright new talent. And finally, it will open communications channels which will allow university resources to reach the field.

As in many other areas, mental health has had an explosion of new knowledge, techniques, and patterns of organization, followed closely by new dilemmas. Thus, WICHE's Program of Continuation Education for Mental Health Personnel was initiated to (1) stimulate the development of continuing education programs for mental health professionals and (2) to directly sponsor visitation programs, institutes, and workshops on topics in need of regionwide attention. This effort is being accomplished through state staff development committees.

Over the past year, this program has presented a day and a half conference on continuing education for leaders in psychiatric nursing and a three-day institute on administrative studies for state-level mental health executives. Future plans include conferences on new careers, suicide prevention, and operation of large-scale community mental health centers.

WICHE's goal:

coordination and expansion of interstate and interinstitutional cooperative programs...

The westerner is known for his independent nature. Robust and free-wheeling, he pioneered the land in the 19th century. But he is also known for neighborliness and cooperation. If a barn must be built, a dam constructed, or any common problem solved, he pitches in.

The Western Interstate Commission for Higher Education is a good example of this two-sided kind of western logic. Through the Commission, the western states, institutions, and men, while maintaining their independence, work together toward common goals.

The program for State Personnel Directors demonstrates this cooperation on several levels and has begun to solve a regional problem.

To alleviate the manpower shortage in mental health and related areas, various colleges and universities have developed (often with WICHE's assistance) new undergraduate programs in the helping services. These programs prepare students to assume responsible positions in fields such as corrections, mental health, and mental retardation.

At present, the problem is where to put these new-style graduates. State Civil Service, bound to traditional career ladders, holds almost no slots for them.

Now, however, the jobs are beginning to appear. WICHE convened the state personnel directors and classification officers from all 13 western states to discuss this new breed of mental health worker. Joining with educators and mental health profes-

sionals, the employment officials discussed the problems of career opportunities, career ladders, and vertical and horizontal mobility within and across state lines. Here is an example of cooperation among states, agencies, and professions.

Another cooperative effort to solve the manpower problem is being carried on by the WICHE Mental Health Manpower Office. This program is gathering information on training facilities and employers of mental health personnel, which will be used to develop both state and regional level strategies to increase the number and quality of these professionals.

The lack of valid and consistent mental health data is also being attacked through cooperation of western institutions and professionals.

The Western Conference on the Uses of Mental Health Data has developed a regional organization of mental health administrators, program analysts, statisticians, and clinicians to (1) create effective communications networks; (2) provide exposure of new and improved methods of data collection, analysis, and use; (3) increase the manpower pool of mental health statisticians and related professionals.

This program has been effected by means of workshops, special task forces, and pilot data collection.

Through WICHE, institutions for the mentally retarded are now cooperating in a regional data collection project. After almost four years of work, the Regional Program in Mental Retardation Research has gathered detailed, descriptive information on more than 24,000 individual residents of 22 institutions for the retarded in 12 of the western states.

This effort and the availability of data have resulted in both formal and informal research studies, increased communication, and cooperative research activities among western institutions, and additional information for informed administrative decision-making.

In the desolate and geographically isolated Four Corners Area, the four states of Arizona, Colorado, New Mexico, and Utah are cooperating to enhance the provision of available services to the mentally retarded and culturally disadvantaged.

These states, working through WICHE's Four Corners Mental Retardation Project, are concluding a two-year effort to identify the services available in the area, which is mostly comprised of Indian reservations. The project is also training indigenous people to act as first-line points of referral and feedback.

Shoulder-to-shoulder cooperation has also been evidenced in the field of nursing research. The nursing profession in the West has recognized a need for an instrument to clarify the differences between graduates of baccalaureate and associate degree nursing programs in terms of behaviors and functions of the graduates.

Hence, the 100 member schools of the Western Council on Higher Education for Nursing (WCHEN) have participated in the Nursing Measurement Program by providing more than 1,500 items for preliminary selection of nursing behaviors. The most pertinent items were selected to form a pilot questionnaire. This questionnaire has been submitted to a sample of nursing faculty and graduating students of WCHEN schools. The results of this study will be analyzed to establish the differences between graduates of the two types of nursing education.

Here is an example of 100 educational institutions cooperating in a research effort which will ultimately improve nursing education and nursing service.

Mutual need resulting in cooperative effort is the key to yet another WICHE program. Manpower shortages, increasing demands for services, changing technology, and the knowledge explosion are among the volume of problems confronting the library profession in the West. Thus, at the request of several western states, WICHE has initiated the Cooperative Educational Development Program for Library Personnel.

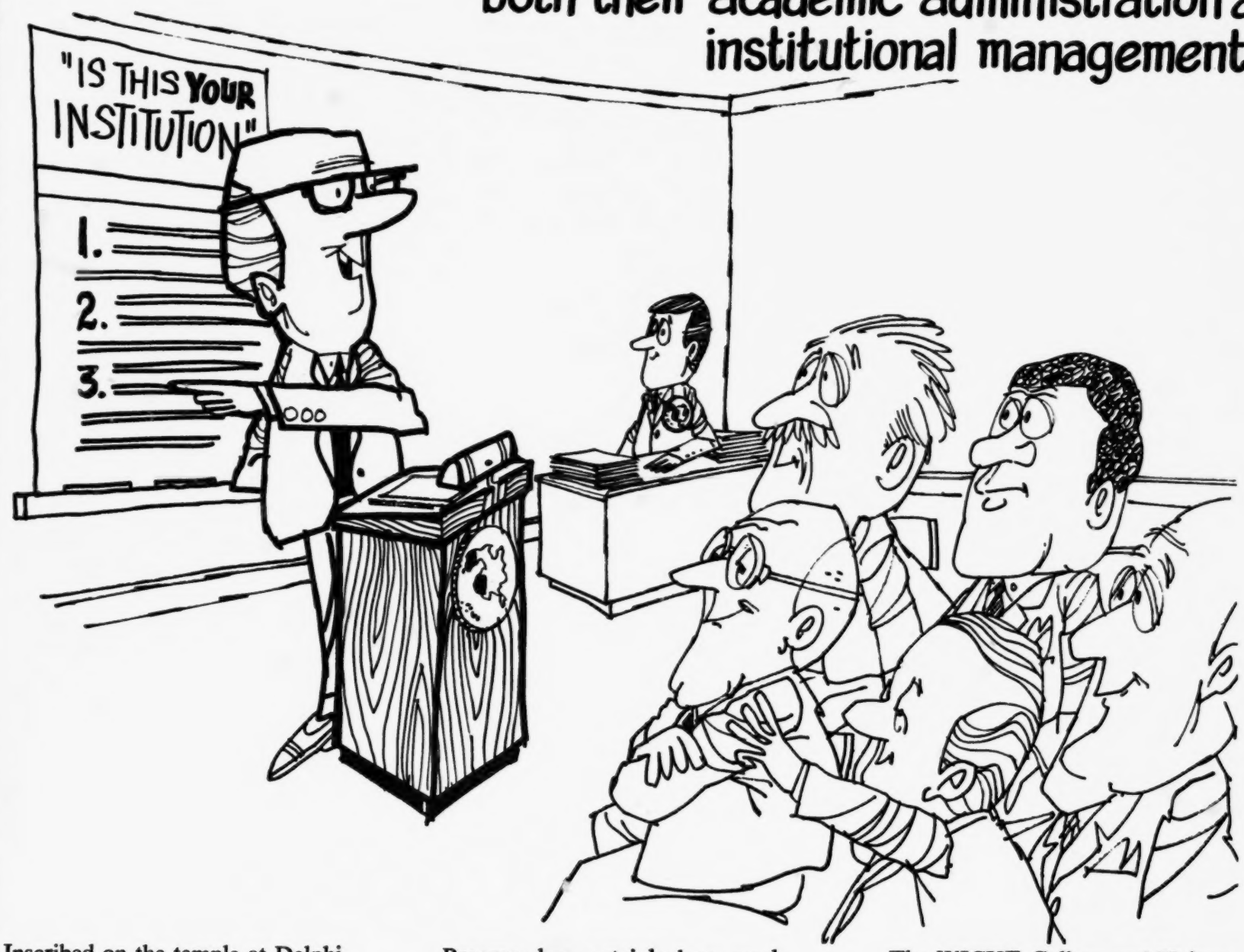
The aim of the endeavor is to design a cooperative interstate program of continuing education for library personnel, which takes into account the training needs and educational resources of the participating states.

At present, a team of consultants is surveying library training needs and educational resources throughout the West. With the counsel of an advisory committee consisting of state librarians, WICHE will use this survey to create a plan for the educational development of library personnel.

The six million exceptional school-aged children and four million disabled persons in the nation present another need for specially educated professionals and cooperative effort. The West has lacked sufficient numbers of fully prepared personnel in special education and rehabilitation to help these persons. But WICHE has made some inroads by encouraging and coordinating training and research in this area.

The WICHE Special Education and Rehabilitation Program has recently conducted a variety of seminars, conferences, and institutes to improve the quality of training, distribution of professionals, and development of recruiting. Using this same meeting-style procedure, the program also has developed cooperative relationships and responsibilities in both education and service areas among professionals, institutions, and states.

WICHE's goal: to help institutions of higher education improve both their academic administration and institutional management...



Inscribed on the temple at Delphi, in Greece, is one of the world's fundamental pieces of wisdom, "Know thyself."

This is no mean task. To accomplish this task, it is necessary to not only look within, but also without. In essence, this very task is being approached by the western colleges and universities in order to improve their academic administration and institutional management.

Working through WICHE, the West's educational institutions are trying to know themselves individually and in relation to colleges and universities throughout the region. And by knowing, they seek improvement.

Progress has certainly been made through this approach, but it is complicated, difficult work at best. As Montaigne described in *Essays II*, "We are all framed of flaps and patches and of so shapeless and diverse a contexture that every piece and every moment playeth his part. And there is as much difference found between us and ourselves as there is between ourselves and others."

The WICHE College and University Self-Study Institute is a perfect example of the self-searching done in western higher education for self improvement.

WICHE, in cooperation with the Center for Research and Development in Higher Education, University of California at Berkeley, co-sponsors an annual institute for college and university staff members, research scholars, and public officials.

The aim of this institute, which is in its tenth year, is to stimulate and disseminate research on higher education and air informed opinion to college administrators and public officials, who are concerned with the fundamental issues of higher education.

Papers presented at the College and University Self-Study Institutes are published and distributed to college administrators and concerned public officials throughout the West. These publications, which have been lauded by western educators, are also sold to other interested persons at a nominal fee which helps support the continuation of the institutes.

The Management Information Systems Project is another example of how WICHE is helping western institutions of higher education improve themselves through self-examination.

This recently begun project was initiated at the request of western institutions of higher education, including state coordinating agencies. At present, 12 of the 13 WICHE states are participating.

These western higher education institutions, along with the Illinois Board of Higher Education and the State University of New York, are preparing to gather and exchange a standard set of computerized data elements required for deriving instructional information.

With this information, the administrators of institutions of higher education will be better able to judge their own operational progress in light of what other institutions and agencies are doing.

New college and university department chairmen are generally drawn from the ranks of the faculty. These mid-administrative persons play key roles in planning and implementing educational policy and strategy, yet they come to these positions relatively unprepared to handle their administrative duties.

Therefore, it is the aim of WICHE's Department Chairmen Program, funded by the Danforth Foundation, to encourage western colleges and universities to develop collaborative programs of inservice education in administration for these new department chairmen.

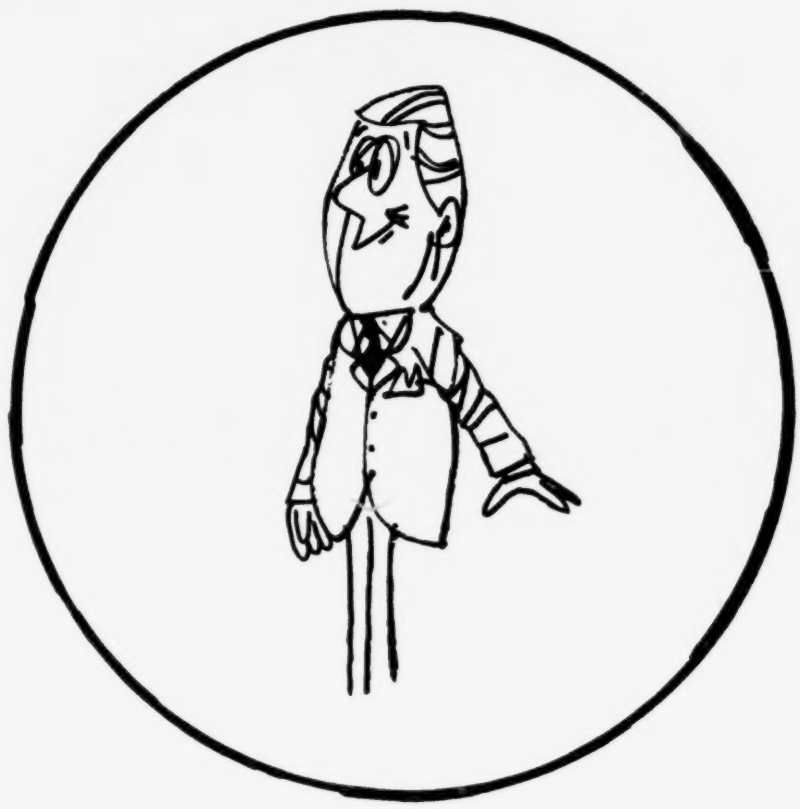
At present, the program is developing model inservice training programs in academic departmental administration, as well as laboratories to develop educational media. Also, it is encouraging professional associations to carry on this continuing education work.

This group of educational professionals, with the aid of WICHE, is looking closely at their problems, responsibilities, goals, and at themselves. They are learning to know themselves in relation to their work and, thus, will be able to do better jobs.

The Program for Deans and Faculties of Schools of Social Work is yet another example of higher education institutions working toward self-improvement in academic administration.

These deans and faculties are studying their work in light of new trends in delivery of social services and the changing needs in social work education.

By means of annual meetings and workshops, deans and faculty members, from the very new to the old-timers, are examining their academic efforts in light of what other schools are doing, changes in the field, and the development of undergraduate programs in the helping services.



WICHE's goal:

to assist the educational community to appraise and respond to the changing needs of the west...

The West is the region of change. Built by urgent men in search of new lives and new ways, the Western states have neither forsaken their up-and-at-'em flair, nor their search for the better life.

This dynamic, forward-ho attitude is also very typical of the West's educational community. It is not only anxious to march to the beat of the times, but, when possible, to dash ahead.

Many times and in many ways educational progress in the West can be best accomplished on a regional basis. It is in this way that WICHE serves the western states, both as a catalytic agent and a coordinator.

One of the West's changing needs revolved around mental health and its related areas. A renewed social consciousness has pulled these problems out of the back wards and prison cells, and, in the process, opened a whole new set of needs, including educational ones.

At the recommendation of the western governors, the Western Council on Mental Health Training and Research was formed. Its initial purpose was to survey the mental health needs of the West.

Once the initial study was completed, WICHE was asked to continue its efforts and do something about these needs. The Council members, which are appointed by WICHE, include 23 leaders from the 13 western states, who serve without pay. The Council's objectives are:

- to serve the states, their mental health and related agencies, and their universities as a coordinating consultative, and informational center on programs of mental health training and research.
- to help expand the use of existing educational centers for preparing mental health and related workers of all types on a regional basis, and to develop possible new educational approaches.
- to help develop interstate educational programs which will keep currently employed mental health and related personnel up-to-date on new methods and practices.

WICHE achieves these objectives with coordinated activities of the staff, the Mental Health Council, and the people in the field. The Council's activities cover a broad range including mental health, mental retardation, helping services, corrections, special education, and rehabilitation.

The Undergraduate Helping Services Program is one example of the Mental Health Council's endeavors. Since a major imperative in the mental health area is manpower, this program is aiding the educational community recognize and respond to this need.

The objectives are to encourage the development of new programs and curricula in undergraduate courses in helping services in colleges and universities in the West.

It also is trying to assist practitioners in the field to develop methods for more effectively using the differential levels of manpower.

And finally, it endeavors to expand the range and number of students in the Summer Work-Study Program, which is placing college-level students in the field of practice in mental health and related areas. The 13 Summer Work-Study Programs provided a career testing opportunity for 380 students last summer and for more than 1,700 students since it began in 1960.

As the Western Council on Mental Health Training and Research is the basic structure behind WICHE's programs in mental health and related areas, the Western Council on Higher Education for Nursing (WCHEN) is the structural base for all WICHE's nursing programs.

WCHEN's membership includes 100 colleges and universities with degree programs in nursing from the Associate of Arts to the graduate level. Nurse educators, representing these institutions, work together to improve the quality of nursing education and patient care in the West.

The objectives of the Nursing Council are:

- to encourage cooperative planning and orderly growth of nursing education in the West.
- to identify problems which need cooperative study, to search for possible solutions to such problems, and to initiate action where feasible.
- to improve the nursing care of patients through improved educational programs and better prepared faculty.

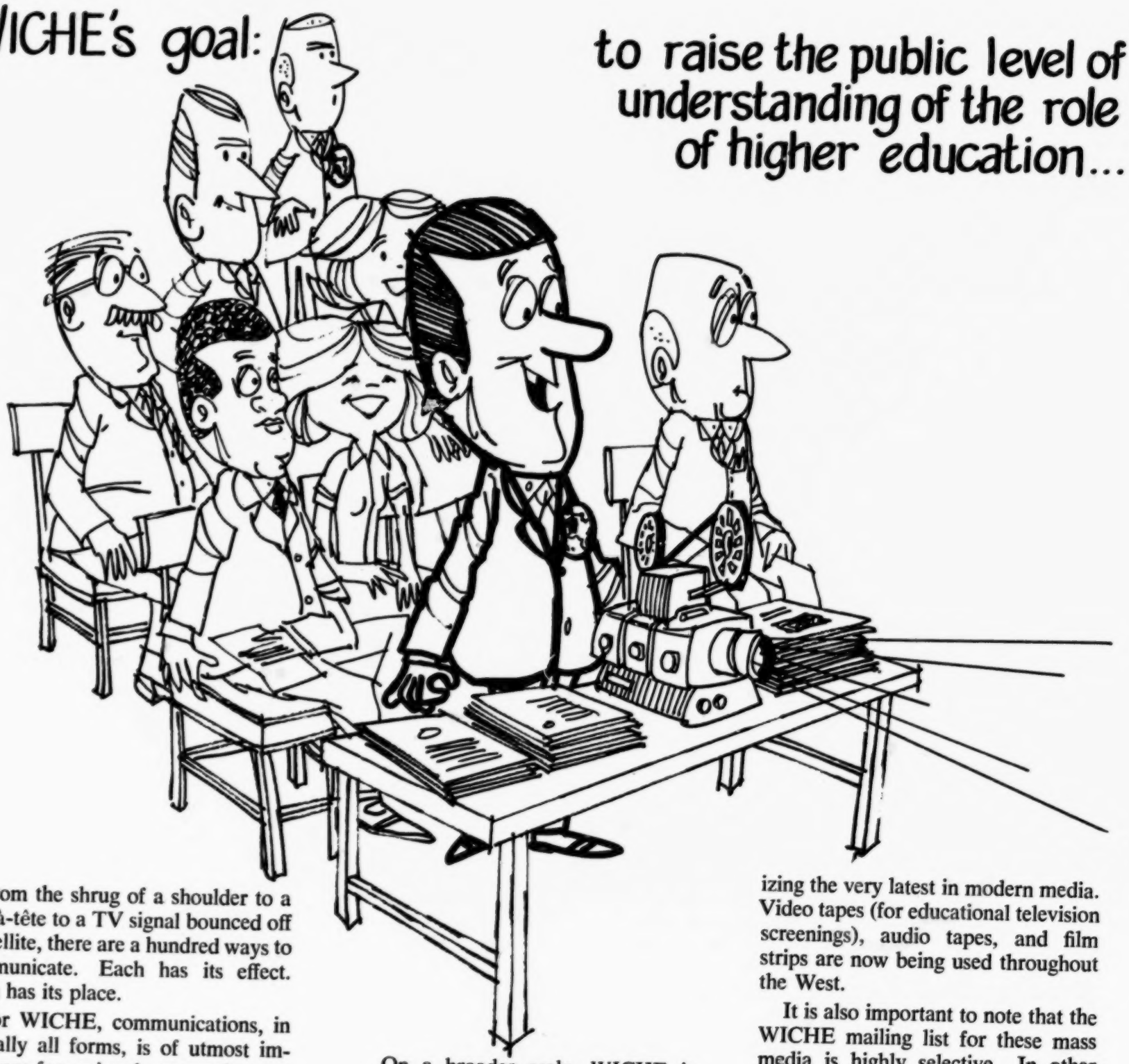
Research is a way to discern changing needs. And this is the approach being taken in the field of nursing education by the Nursing Research Conferences Program.

This program, sponsored by the U.S. Public Health Service, was developed because the volume and quality of nursing research has increased steadily over the past few years, and there was a need to share these findings. Thus, in May, 1968, the first of a series of annual conferences was held to facilitate this sharing of research and to contribute to improved patient care.

In the May conference, five nursing researchers presented studies which were critiqued by 60 selected participants representing 16 western schools of nursing. The results were published in September.

Both the Western Council on Mental Health Training and Manpower and the Western Council on Higher Education for Nursing are involved in assisting the education community appraise and respond to the West's changing needs. Their concerns, of course, follow specified professional lines. WICHE's Special Higher Education Programs (SHEP), on the other hand, are seeking these same goals in higher education itself.

SHEP is the innovative and organizational structure for all of WICHE's efforts which are encompassed within the broad sweep of higher education. The programs include the College and University Self-Study Institute, the Departmental Chairmen Program, the Program of the Continuing Education of Library Personnel, as well as publication of 10,000 copies each of the listing of Western Regional Collegiate Programs and Summary of State Legislation Affecting Higher Education in the West, which are distributed free.



From the shrug of a shoulder to a tête-à-tête to a TV signal bounced off a satellite, there are a hundred ways to communicate. Each has its effect. Each has its place.

For WICHE, communications, in virtually all forms, is of utmost importance for regional cooperation and progress. Thus, it is very much involved in the communications business.

On the interpersonal level, WICHE staff and commissioners promote communication through seminars, workshops, institutes, surveys, and research. By these activities, ideas are created and honed, new information is disseminated, and the bonds of progress are strengthened among states, their educators, and their other professionals.

On a broader scale, WICHE is communicating with larger audiences through mass media. Sixty-six different publications, amounting to a total of more than a quarter million pieces, were produced by WICHE this past year and most were distributed without direct charge to the reader. These publications, ranging from pamphlets and brochures to full fledged books, were financed, for the most part, by grant funds.

Along with written communications pieces, WICHE is producing and utilizing the very latest in modern media. Video tapes (for educational television screenings), audio tapes, and film strips are now being used throughout the West.

It is also important to note that the WICHE mailing list for these mass media is highly selective. In other words, materials of general interest reach a broad audience of western professional and lay leaders. And materials developed for a special group, such as nurses or psychiatrists or penitentiary wardens, are sent exclusively to that group.

On the following pages 19 - 22 are listed WICHE's latest publications, film strips, slide presentations, and audio and video tapes. Requests for single copies of these materials will be honored as long as the supply lasts.

The publications listed below are free, except where noted, through the Publications Unit, WICHE, U. East Campus, 30th St., Boulder, Colo. 80302. Some are available in quantities for classroom or conference use.

I. GENERAL

WICHE ANNUAL REPORT 1967. A brief description of WICHE activities during 1967. Reports from previous years also available.

WICHE REPORTS ON HIGHER EDUCATION. A newsletter containing information about WICHE programs and articles of general interest on higher education. Copies of the last four issues are usually available.

PARTNERSHIP FOR PROGRESS, Robert H. Kroepsch and Dorothy P. Buck, eds. The report of a Legislative Work Conference on higher education in the West.

II. REGIONAL PROGRAMS—GENERAL

COLLEGES AND UNIVERSITIES AS AGENTS OF SOCIAL CHANGE, W. John Minter and Ian Thompson, eds. The papers presented at the 10th Annual College and University Self-Study Institute. $3.50.

THE INDIVIDUAL AND THE SYSTEM; PERSONALIZING HIGHER EDUCATION, W. John Minter, ed. $3.50.

YOUR STATE CAN HELP YOU SECURE YOUR EDUCATION IN MEDICINE, DENTISTRY, DENTAL HYGIENE, VETERINARY MEDICINE. A leaflet describing WICHE's Student Exchange Program and listing the cooperating schools and state certifying officers and agencies.

SUMMARY OF STATE LEGISLATION AFFECTING HIGHER EDUCATION IN THE WEST: 1968. An interpretative summary by state legislative reporters of legislative action in the WICHE states which will influence higher education in the West. Copes of the 1967 volume are also available.

A REGIONAL COOPERATIVE PROJECT AMONG HIGHER EDUCATION INSTITUTIONS AND COORDINATING AGENCIES TO DESIGN, DEVELOP, AND IMPLEMENT MANAGEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON UNIFORM DATA ELEMENTS. A leaflet describing WICHE's Management Information Systems Program.

WESTERN REGIONAL COLLEGIATE PROGRAMS: 1969-70. A listing of uncommon educational programs for entering college freshmen, undergraduate transfers, and prospective graduate students.

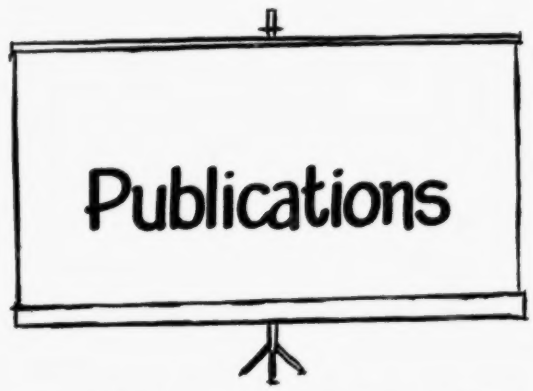
MEMO TO NEW DEPARTMENT CHAIRMEN, Wilbert J. McKeachie. Monograph Number 1, Department Chairmen Program.

FACULTY RECRUITING, David G. Brown. Monograph Number 2, Department Chairmen Program.

ACADEMIC PLANNING, Thurston Manning. What deans and department chairmen should know to make practical yet creative plans for the future. How to mesh disciplinary and institutional planning. (*In Process*)

THIRTY-SIX NEW DEPARTMENT CHAIRMEN REPORT THEIR TRAINING NEEDS. In a questionnaire distributed at the close of a WICHE conference on recruiting for new department chairmen, 36 new chairmen reported their training needs. (*In Process*)

CHAIRMEN TRAINING: A CASE STUDY (A REPORT ON THE UNIVERSITY OF UTAH'S TWO-YEAR TRAINING PROGRAM FOR NEW DEPARTMENT CHAIRMEN), Charles Monson. A report on program content and changes in program design, participants, costs, and results. (*In Process*)



GUIDELINES FOR DEVELOPING BACCALAUREATE DEGREE PROGRAMS IN NURSING IN THE WEST. A leaflet to assist in setting up baccalaureate programs, or in evaluating present programs. GUIDELINES FOR DEVELOPING ASSOCIATE DEGREE PROGRAMS and GUIDELINES FOR DEVELOPING GRADUATE DEGREE PROGRAMS are also available.

ABOUT WCHEN. A leaflet describing the operation and organization of the Western Council on Higher Education for Nursing.

THE REPORT OF ONE APPROACH TO THE IDENTIFICATION OF ESSENTIAL CONTENT IN BACCALAUREATE PROGRAMS IN NURSING, Charlotte Coe, et al. The search for a new approach to the education of nurses at the baccalaureate level, the pilot efforts for evaluation of possible avenues of approach, and the results of the selected study method are reported in this booklet.

WHO IS THIS NURSE? THE GRADUATE OF ASSOCIATE DEGREE NURSING PROGRAMS.

THE GRADUATE OF BACCALAUREATE DEGREE NURSING PROGRAMS, A DESCRIPTION OF THE EXPECTED COMPETENCIES, ROLES, AND BEHAVIORS.

COMMUNICATING NURSING RESEARCH, THE RESEARCH CRITIQUE, Marjorie V. Batey, ed. A collection of papers presented at the conference Communicating Nursing Research Findings: Improving Nursing Practice Through Research.

MEDICAL EDUCATION FOR SPARSELY SETTLED STATES, Kevin P. Bunnell and Julia V. Malone.

A SYMPOSIUM ON CONTINUING MEDICAL EDUCATION IN MONTANA. The report of a symposium sponsored by WICHE Mountain States Regional Medical Program—Montana and Montana Medical Association.

III. REGIONAL PROGRAMS—MENTAL HEALTH AND RELATED AREAS

EIGHTH ANNUAL TRAINING SESSION FOR PSYCHIATRIST-TEACHERS OF PRACTICING PHYSICIANS, 1967. Raymond Feldman, M.D., and Dorothy P. Buck, eds.

THE ANALYSIS OF SHORT-TERM SEMINARS IN PSYCHIATRY FOR NON-PSYCHIATRIST PHYSICIANS: A PROGRESS REPORT FOR THE YEARS 1966-68, Judson B. Pearson, ed.

CENTRAL RECORD SYSTEMS IN STATE INSTITUTIONS FOR THE MENTALLY RETARDED. The papers presented at a workshop sponsored by the Western Conference on the Uses of Mental Health Data.

ESTABLISHING A DATA BASE FOR A STATEWIDE MENTAL HEALTH PROGRAM. The report of an institute presented by the Western Conference on the Uses of Mental Health Data in cooperation with the Colorado Department of Institutions.

MENTAL HEALTH PROGRAM EVALUATION. Selected papers from a workshop presented by the Western Conference on the Uses of Mental Health Data in cooperation with the Hawaii Department of Health.

PREVENTIVE SERVICES IN MENTAL HEALTH PROGRAMS, Bernard L. Bloom and Dorothy P. Buck, eds.

A SURVEY OF WYOMING CORRECTIONS, sponsored by WICHE under the auspices of the State Board of Charities and Reform, Cheyenne, Wyoming. (*Out of Print*)

PRELIMINARY SURVEYS: UTAH STATE PRISON AND THE STATE INDUSTRIAL SCHOOL, sponsored by WICHE under the auspices of the Department of Health and Welfare, Salt Lake City, Utah (*Out of Print*)

AN ANALYSIS OF THE CORRECTIONS FUNCTION OF THE SHERIFF'S DEPARTMENT, DENVER, COLORADO, sponsored by WICHE under the auspices of the Office of the Manager of Safety and Excise of the City and County of Denver. (*Out of Print*)

MONTANA STATE PRISON—A PRELIMINARY ANALYSIS 1967, sponsored by WICHE under the auspices of the Montana State Department of Institutions. (*Out of Print*)

LAY MEN, LAY BOARDS, CORRECTIONS, Frank Dell'Apa and Charles D. Weller, eds. (*Out of Print*)

AN INTERSTATE APPROACH TO CORRECTIONS MANPOWER AND TRAINING, A FINAL REPORT, Frank Dell'Apa, Charles D. Weller, Julia O'Rourke. (*Out of Print*)

CORRECTIONS, THE PUBLIC, AND YOU, Frank Dell'Apa and Charles D. Weller, eds.

IMPLEMENTATION: A DESIGN FOR A REGIONAL APPROACH TO CORRECTIONS MANPOWER TRAINING AND RESEARCH. (*Out of Print*)

AN INTERSTATE APPROACH TO CORRECTIONS MANPOWER AND TRAINING, A SUPPLEMENTAL REPORT, Frank Dell'Apa, Charles D. Weller, Julia O'Rourke. (*Out of Print*)

A TASK ANALYSIS STUDY OF THE ADULT PROBATION OFFICER'S JOB, conducted by John L. Flood and Charles D. Weller. (*Out of Print*)

DIRECTORY OF SERVICES AVAILABLE TO THE MENTALLY RETARDED IN THE FOUR CORNERS AREA. The services available in the Four Corners area of Arizona, Colorado, New Mexico, and Utah. (*In Process*)

REHABILITATION COUNSELORS FOR THE WEST, Gene Hensley and Daniel McAlees. A brief report of a regional survey. (*Out of Print*)

EXPLORING REHABILITATION—SPECIAL EDUCATION RELATIONSHIPS: IMPLICATIONS FOR TEACHER PREPARATION IN THE WEST, Gene Hensley and Dorothy P. Buck, eds. (*Out of Print*)

DOCTORAL PREPARATION IN THE FIELD OF SPECIAL EDUCATION, Gene Hensley and Dorothy P. Buck, eds. (*In Process*)

SPECIAL EDUCATION AND REHABILITATION IN THE WEST. A leaflet defining special education and rehabilitation and describing WICHE's program in these areas.

REHABILITATION MANPOWER IN THE WEST, Gene Hensley and Dorothy P. Buck, eds. Selected papers from three conferences concerned with rehabilitation services and counselor training.

COOPERATIVE AGREEMENTS BETWEEN SPECIAL EDUCATION AND REHABILITATION SERVICES IN THE WEST, Gene Hensley and Dorothy P. Buck, eds. Selected papers from a conference on cooperative agreements.

UNDERGRADUATE EDUCATION AND MANPOWER UTILIZATION IN THE HELPING SERVICES. This booklet contains two papers on curriculum development in the helping services which were originally presented at a regional institute.

DEVELOPING PROGRAMS IN THE HELPING SERVICES: FIELD EXPERIENCE, METHODS COURSES, EMPLOYMENT IMPLICATIONS, Dutton Teague and Dorothy P. Buck, eds.

UTILIZATION OF MANPOWER IN MENTAL HEALTH AND RELATED AREAS, A REPORT OF A WORKSHOP OF STATE MERIT SYSTEM AND PERSONNEL DIRECTORS, Dutton Teague and Dorothy P. Buck, eds.

1968 ANNUAL MEETING, WICHE SUMMER WORK-STUDY PROGRAM IN MENTAL HEALTH AND RELATED AREAS, Dutton Teague and Dorothy P. Buck, eds.

SUMMER WORK-STUDY PROGRAM IN MENTAL HEALTH AND RELATED AREAS. The announcement of schools participating in the 1968 summer work-study programs. (*Announcement for 1969 now in process*)

EVALUATION STUDY OF WICHE'S SUMMER WORK-STUDY PROGRAM IN MENTAL HEALTH AND RELATED AREAS: ABSTRACT OF THE FINAL REPORT, E. Merle Adams. (*Out of Print*)

PUBLICATIONS AVAILABLE FROM PREVIOUS YEARS

CAMPUS AND CAPITOL; HIGHER EDUCATION AND THE STATE, W. John Minter, ed, $3.50.

ORDER AND FREEDOM ON THE CAMPUS, Owen A. Knorr and W. John Minter, eds. $3.50.

LONG-RANGE PLANNING IN HIGHER EDUCATION, Owen A. Knorr, ed. $3.00.

THE STUDY OF ACADEMIC ADMINISTRATION, Terry L. Lunsford, ed. Available from University Microfilms, Inc., 313 N. 1st St., Ann Arbor, Mich. 48103. $6.65.

THE STUDY OF CAMPUS CULTURES, Terry L. Lunsford, ed. Available from University Microfilms, Inc., 313 N. 1st St., Ann Arbor, Mich. 48103. $8.95.

REGIONAL DATA HIGHLIGHTS, compiled by Special Higher Education Programs. Three volumes are currently available: COLLEGE STUDENT MIGRATION IN THE WEST, DEGREES CONFERRED BY WESTERN PUBLIC AND PRIVATE INSTITUTIONS IN 1964 BY FIELD AND PER CAPITA, and TRENDS IN WESTERN COMMUNITY COLLEGES.

TODAY AND TOMORROW IN WESTERN NURSING: A WCHEN REPORT ON THE PRESENT WITH RECOMMENDATIONS FOR THE FUTURE, prepared by the WICHE staff. An assessment of the degree and direction of change in nursing resources and educational facilities in the West since 1959.

DEFINING CLINICAL CONTENT, GRADUATE NURSING PROGRAMS. Four booklets to clarify and delineate the clinical content in four areas at the master's level: COMMUNITY HEALTH NURSING, by Loretta C. Ford, et al.; MATERNAL CHILD HEALTH NURSING, by Betty L. Highley, et al.; MEDICAL-SURGICAL NURSING, by Lucile Lewis, et al.; PSYCHIATRIC NURSING, by Sumiko Fujiki, et al.

THE EFFECTIVENESS OF A LEADERSHIP PROGRAM IN NURSING, Alice E. Ingmire, principal investigator. The report of an evaluation of a series of continuing education courses for nurses. FOLLOW-UP PERFORMANCE OF THE EXPERIMENTAL GROUP, the report of the follow-up testing in 1965 of those who took the continuing education courses in 1962-64. A REPORT OF PRE- AND POST-PERFORMANCE TESTING. A regional study for pre- and post-evaluation of participants enrolled in the courses 1964-66.

WICHE's Regional Staff Development Program was designed to find and test approaches to the problem of shortages of trained personnel to care for the mentally ill and retarded. The program produced a series of booklets concerned with special areas of mental health care. The booklets include: MEETING THE TREATMENT NEEDS OF CHILDREN, Jerome Levy and Roma K. McNickle, eds.; A CLINICAL APPROACH TO THE PROBLEMS OF PASTORAL CARE, Jerome Levy and Roma K. McNickle, eds.; PLANNING FOR CHANGE, Jerome Levy and Roma K. McNickle, eds.; MENTAL HEALTH DATA COLLECTION IN THE WEST, Jerome Levy and

Robert M. Hunter, eds.; A REGIONAL STAFF DEVELOPMENT PROGRAM, by Jerome Levy, Robert M. Hunter, and Roma K. McNickle; AN INTERSTATE APPROACH TO JUVENILE DELINQUENCY, RESEARCH AND TRAINING, A SURVEY, by William T. Adams.

DIALOGUES, BEHAVIORIAL SCIENCE RESEARCH, VOLS. I AND II, Jerome Levy and Robert M. Hunter, eds.

PROCEEDINGS, FIRST ANNUAL MEETING OF THE WESTERN CONFERENCE ON THE USES OF MENTAL HEALTH DATA. The report of a multi-disciplinary conference concerned with mental health data.

MOVIES

OPPORTUNITY TO LEARN. Film showing objectives, problems, and techniques of the Mental Health Staff Development Program. Black and white, sound, 16 mm. Running time, 20 minutes. Available on a loan basis.

WE HAVE SEEN THEIR FACES, produced by the University of Washington. A filmed session of a discussion between students enrolled in the WICHE Summer Work-Study Program in Mental Health. Black and white, sound, 16 mm. Running time, 55 minutes. Available on a loan basis.

SLIDE PRESENTATIONS

THIS IS WICHE. A script augmented with 80 slides, outlining WICHE's purposes, programs, organization, and financing. Approximate showing time—20 minutes. Must be reserved well in advance of showing through WICHE Publications Unit.

THIS IS WICHE—REGIONAL MEDICAL PROGRAM—WYOMING. A script augmented with 80 slides outlining WICHE in general with special emphasis on the activities of the Regional Medical Program—Wyoming. Arrangements for use or showings should be made through Regional Medical Program—Wyoming, 3100 Henderson Drive, Suite 14, Cheyenne, Wyoming 82001.

THIS IS WICHE—REGIONAL MEDICAL PROGRAM—NEVADA. A script augmented with 80 slides outlining WICHE in general with special emphasis on the activities of the Regional Medical Program—Nevada. Arrangements for use or showings should be made through Regional Medical Program—Nevada, 956 Willow St., Reno, Nevada 89502.

AUDIO TAPES

Tape #1. CURRICULAR DEVELOPMENT, by John Bevan, academic vice-president, U. of the Pacific. Strategies for curricular and faculty development. FACULTY RECRUITING by David G. Brown, provost, Drake U. How do faculty go about looking for new jobs? What factors are most important to them in accepting new positions? How can departments recruit most effectively? Should you list your vacancies? 3¾ ips dual track or 1⅞ ips single track, 7 inch reel. $5.00 postage paid.

Tape #2. ACADEMIC PLANNING, by Thurston E. Manning, vice-president for academic affairs, U. of Colorado. A down-to-earth discussion of how to make a plan for a department. How does one go from grandiose global "big ideas" to a practical plan that helps a department clarify its objectives and move ahead? THE DEPARTMENTS STUDY THEMSELVES, by Stanley Ikenberry, dean, College of Human Resources and Education, West Virginia U. What information can an office of institutional research provide a department chairman that will help make an effective academic plan? 3¾ ips dual track or 1⅞ ips single track, 7 inch reel. $5.00 postage paid.

Tape #3. THE ART OF DEPARTMENTAL ADMINISTRATION, by Wilbert J. McKeachie, chairman, Department of Psychology, U. of Michigan. Recruiting hints: How to evaluate letters of recommendation, when to make the offer, the recruitment of senior faculty, and long-range planning for recruitment. 3¾ ips dual track or 1⅞ ips single track, 7 inch reel. $5.00 postage paid.

Tape #4. DEPARTMENTAL BUDGETING, by Richard S. Takasaki, vice-president for business affairs, U. of Hawaii. How does budgeting reflect academic values? Budgeting in a complex university. How does the budget reflect political and academic values? ROLE OF THE DEPARTMENT CHAIRMAN, by T. R. McConnell, Center for Research and Development in Higher Education, U. of California at Berkeley. Who does the chairman represent: faculty or administration? What concept of the chairmanship permits him to communicate openly with faculty and administration? How can he maintain the respect of faculty and administration? 3¾ ips dual track or 1⅞ ips single track, 7 inch reel. $5.00 postage paid.

Tape #7. MEDICAL MODELS FOR EDUCATION AND ITS IMPLICATIONS FOR SOCIAL WORK: CONTINUING EDUCATION, ALLIED HEALTH PROFESSIONS, RELATED USE OF WICHE, by Edward Stainbrook, M.D., Ph.D., chairman, Department of Psychiatry, U. of Southern California. 3¾ ips, 5 inch reel. $2.25 postage paid.

Depository Libraries

University of Alaska Library
College, Alaska 99735

University of Arizona Library
Tucson, Arizona 85721

University of California Library
Berkeley, California 94720

University of California Library
Los Angeles, California 90024

Norlin Library
University of Colorado
Boulder, Colorado 80302

Gregg M. Sinclair Library
University of Hawaii
Honolulu, Hawaii 96822

University of Idaho Library
Moscow, Idaho 83843

University of Montana Library
Missoula, Montana 59801

University of Nevada Library
Reno, Nevada 89507

University of New Mexico Library
Albuquerque, New Mexico 87106

University of Oregon Library
Eugene, Oregon 94703

University of Utah Library
Salt Lake City, Utah 84112

University of Washington Library
Seattle, Washington 98105

University of Wyoming Library
Laramie, Wyoming 82070

Graduate School of Education Library
Lawrence Hall
Harvard University
Cambridge, Massachusetts 02138

Teachers College Library
525 West 120th Street
New York, New York 10027

Consultants to WICHE's Pacific Basin Project: Top left: Dr. Francis N. Hamblin, Academic Vice President, Northern Arizona University; right: James Shoemaker, Director, Waikiki Improvement Association, Honolulu. Bottom left: Dr. Lloyd A. Garrison, Regional Representative, DHEW, Office of Education, Denver; left: Dr. Ben Cherrington, Director, Regional Office, Institute of International Education, Denver, and Ian Thompson, WICHE Staff Assistant.

Summary of Programs

Student Exchange Program

Funding: Appropriations from states to cover fees for students; WICHE General Budget for administration.
To provide opportunities for education in medicine, dentistry, dental hygiene, and veterinary medicine for students from western states without professional schools in these fields.

Special Higher Education Programs

Funding: WICHE General Budget.
To assist the western states and their institutions in appropriate ways to find solutions to selected common problems in the field of general higher education; to provide, through regional cooperation, the finest resources in talent, programs, and publications to assist in improving higher education in the West.

College and University Self-Study Institute

Funding: Self supporting through registration fees and sale of publications.
An annual institute dealing with important problems in higher education. It is sponsored jointly by WICHE and the Center for Research and Development in Higher Education, University of California, Berkeley.

Continuing Education Program for Librarians

Funding: Cooperating State Libraries.
To plan and implement a regional cooperative program of continuing professional education for librarians working in the western states.

5. Management Information Systems Program

Funding: U.S. Office of Education.
A regional cooperative project among higher education institutions and coordinating agencies to design, develop, and implement management information systems with a common set of uniform data elements.

6. Nursing Council Programs

Funding: WICHE General Budget.
To provide the organizational framework for continuing regional nursing education activities; to provide coordination and administration of WICHE's nursing projects.

7. Continuation Education Program for Nurses

Funding: U.S. Public Health Service.
To assist practicing nurses to improve their leadership skills in teaching, supervision, and administration; and thus to improve patient care.

8. Improvement of Nursing Curricula Program

Funding: U.S. Public Health Service.
To use findings of the nursing council research projects to improve curricula in collegiate schools of nursing in the West; to provide information on and stimulation of the use of additional innovations in the teaching-learning process.

9. Nursing Measurement Program

Funding: National Institutes of Health.
To develop a research instrument which will secure descriptions of nurses prepared in associate and baccalaureate degree programs.

10. Nursing Research Conferences

Funding: U.S. Public Health Service.
To provide an annual conference for nurse researchers to report and discuss studies in nursing care.

11. Mountain States Regional Medical Program

Funding: National Institutes of Health.
To ascertain the needs in Idaho, Montana, Nevada, and Wyoming for continuing education, new health personnel, and facilities to strengthen the capacity of physicians and other health professionals to treat heart disease, cancer, stroke, and related diseases; to develop operational programs to meet those needs.

12. Department Chairmen Program

Funding: The Danforth Foundation.
To develop and demonstrate models of continuing in-service education in departmental administration which can be adapted by colleges and universities for the administrative development of department chairmen.

13. Regional Internship Program in Economic Development

Funding: Economic Development Administration.
To help selected college students bridge the gap between school and work by providing summer opportunities to do research and program work with economic development agencies in the West.

14. Mineral Engineering Education Study

Funding: WICHE General Budget.
A survey of the mineral engineering education facilities in the West, preliminary to a study of the feasibility of interinstitutional coordination in this field.

15. Mental Health Council Program

Funding: Contributions of 9 WICHE states.

To support a regional council which sponsors interstate cooperation in mental health and related areas, which stimulates cooperation in training and research by universities and public mental health and related agencies, and which provides increased opportunity for the development of skilled mental health and related manpower in the West.

16. Mental Health Manpower Office

Funding: WICHE Mental Health Division.

To accumulate the necessary information and encourage the needed dialogues to develop both state and regional strategies to increase the number, quality, and efficiency of mental health professionals.

17. Psychiatric Education for Physicians Program

Funding: National Institute of Mental Health.

To increase the supply of psychiatrist-teachers for nonpsychiatric physicians of the West, in areas remote from training institutions; to provide demonstration study opportunities for physicians practicing in these areas and to stimulate the development of on-going programs for them; to also assist in providing adequate evaluation of this program.

18. Mental Health Continuation Education Program

Funding: National Institute of Mental Health.

To help develop a collaborative field of continuation education for mental health personnel in the West, a field linked by mutual planning among leaders in university programs and treatment agencies and characterized by a variety of flexibly designed, short, intensive courses for members of the core professions in both urban and rural settings.

19. Western Conference on the Uses of Mental Health Data

Funding: National Institute of Mental Health.

To develop methods of training mental health statisticians and develop programs for more effective collection and utilization of mental health data.

20. Regional Program in Mental Retardation Research

Funding: National Institute of Child Health and Human Development.

To implement the Regional Joint Data Collection Project, involving the state institutions for the mentally retarded; to develop research awareness and research capabilities at these same institutions; and to create a regional system of sharing research interests and activities.

21. Four Corners Mental Retardation Project

Funding: Rehabilitation Services Administration of the Social and Rehabilitation Services.

To enhance the provision of available services to the mentally retarded and culturally disadvantaged residents of the Four Corners Area of Arizona, Colorado, New Mexico, and Utah, by developing a catalog of available services and training indigenous people to act as points of referral and feedback.

22. Corrections Project

Funding: WICHE General Budget and the Office of Law Enforcement Assistance.

To plan, develop, and implement a strategy for delivering training for currently employed correctional manpower in the West by means of demonstration and use of shared resources of the field, the colleges and universities, and the community.

23. Special Education and Rehabilitation Program

Funding: United Cerebral Palsy Research and Educational Foundation and the Rehabilitation Services Administration.

To assist in developing western college and university programs in special education and rehabilitation at the graduate and undergraduate levels; and to stimulate coordination of agencies and institutions for the use of all resources available for special education and rehabilitation training.

24. Undergraduate Helping Services Program

Funding: Rehabilitation Services Administration.

To provide resources and means of communication for faculty developing programs in undergraduate education in the helping services. To stimulate the improvement and expansion of summer work-study programs, and to develop an annual meeting for program directors to share in evaluation and consideration of program innovations.

25. State Personnel Directors Program

Funding: National Institute of Mental Health.

To contract to develop a meeting of state personnel directors to inform them of trends in undergraduate education and manpower utilization, and to encourage their assistance in alleviating the manpower shortage in mental health and related areas.

26. Social Work Graduate Deans and Faculties Program

Funding: National Institute of Mental Health.

To provide an annual meeting for deans of western schools of social work to discuss and plan for developments of social work education. To develop an annual continuation education workshop for current and new faculty of graduate schools of social work.

WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION

SUMMARY OF CASH RECEIPTS AND DISBURSEMENTS FOR THE YEAR ENDED JUNE 30, 1968

In accordance with the provisions of the Western Regional Educational Compact, the Commission provides for an annual independent audit of its books. On July 12, 1968, the firm of Haskins and Sells, certified public accountants, completed this audit for the year ended June 30, 1968. A copy of their report has been sent to the Governor of each state. Single copies are available on request.

SOURCE OF INCOME:

CASH BALANCE, JULY 1, 1967		260,737
CASH RECEIPTS, 1967-68		
Appropriations from Member States	195,000	
Students Exchange Support Fees from States	992,867 (1)	
State Mental Health Contributions	60,000	
Grants	1,657,144	
Institute Fees	12,198	
Interest	21,591	
Miscellaneous (including publications)	6,751	2,945,551
TOTAL CASH AVAILABLE FOR USE		3,206,288

CASH DISBURSEMENTS BY PROGRAM OR ACTIVITY:

WICHE ADMINISTRATIVE and BASIC OPERATION FUNDS	291,684 (2)	
PROGRAM FUNDS: (3)		
Student Exchange Expenses	10,311	
Student Exchange Support Payments to Schools	995,400 (1)	
Special Higher Education Programs	50,202	
Institutional Research Conference	17,168	
Legislative Work Conference On Higher Education	21,763	
Continuation Education for Librarians	1,863	
Medical Education Program in States without Medical Schools	7,678	
Cooperative Administrative Development	7,513	
Nursing Council Program	21,034	
Continuation Education Program for Nurses	214,216	
Improving Nursing Curriculum Program	71,030	
Nursing Measuring Instruments Program	9,414	
Nursing Research Conferences	12,359	
Regional Medical Program	674,498	
Psychiatric Education for Physicians Program	38,359	
Corrections Program	70,374	
Special Education and Rehabilitation Program	52,188	
Mental Health Continuation Education Program	17,550	
Undergraduate Helping Services Program	39,654	
Four Corners Mental Retardation Project	8,164	
Conference for State Personnel Directors	110	
Mental Health Data Conference	67,822	
Mental Retardation Research Program	50,854	
Miscellaneous Inactive Funds	2,478	2,753,686
CASH BALANCE, JUNE 30, 1968		452,602

(1) The difference between these two amounts reflects credit carried over from the previous year, offset partially by credit carried over to the next year.

(2) This includes expenses of the executive director's office, associate directors' offices (that portion allocated for administration and basic operations), administrative services office, publications unit, and meetings of the Commission and the Mental Health Council.

(3) Direct cost expenditures only are shown for program funds. Indirect costs are charged only to programs supported by federal grants, but they are not included in program expenditures above because they are reflected in the WICHE administrative and basic operation expenditures.

(4) This balance represents primarily advance payments on grants in addition to a contingency balance of $257,381 and a development fund of $70,000, both of which have been authorized by the Commission.

10 YEAR COMPARISON OF STATE AND NON - STATE FUNDS, 1958-59 — 1967-68

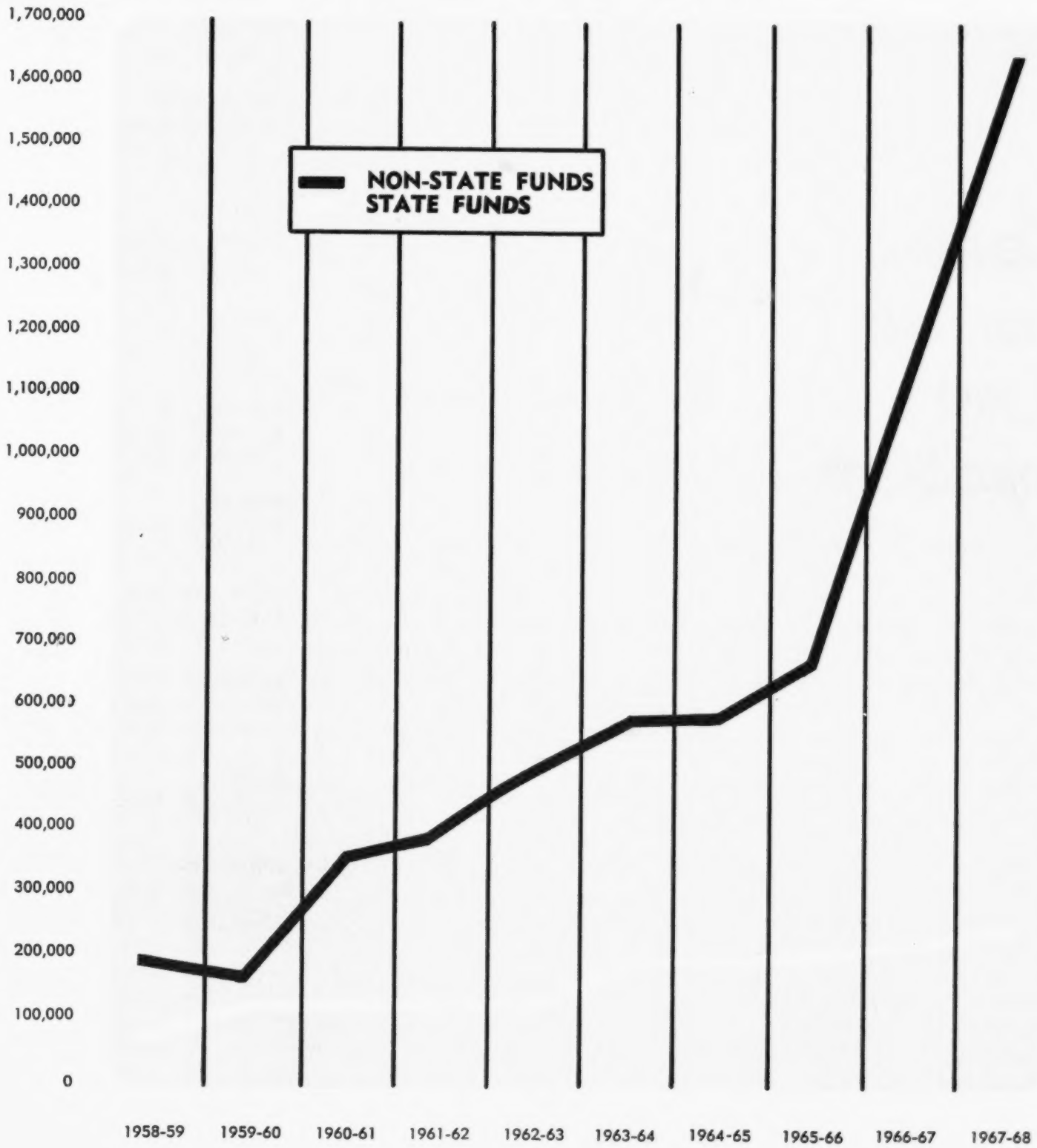
	STATE FUNDS □	NON-STATE FUNDS ●
58-59	77,000	194,974
59-60	130,000	189,514
60-61	130,000	313,603
61-62	130,000	364,111
62-63	130,000	492,095
63-64	195,000	582,278
64-65	195,000	598,546
65-66	202,500	683,668
66-67	217,500	1,156,366
67-68	255,000	1,618,063

STATE FUNDS:

□State appropriations, distributed in accordance with the year due. Does not include state funds paid to professional schools under the Student Exchange Program.

NON-STATE FUNDS:

●Funds expended for special regional projects from grants from private foundations and public agencies outside the region.



Councils, Committees, and Project Staffs

State and regional advisory councils and committees assist in planning and implementing WICHE programs. Members are specialists in various fields who meet periodically to review programs, supply vital information from their states and subregions, and make recommendations for future projects. The people of the West are deeply indebted to these men and women for their invaluable service to interstate cooperation in higher education.

STATE CERTIFYING OFFICERS FOR STUDENT EXCHANGE PROGRAM

ALASKA
Dr. William R. Wood, President, University of Alaska

ARIZONA
Dr. Herbert D. Rhodes, Dean, Graduate School, University of Arizona

COLORADO
A. E. Williamson, Executive Assistant to the Dean, School of Medicine, University of Colorado

HAWAII
Edward T. White, Director, School and College Relations, Community College System, University of Hawaii

IDAHO
Armand Bird, Executive Secretary, Idaho State Medical Association

MONTANA
Edward W. Nelson, Executive Secretary, Montana University System

NEVADA
Alice Terry, Secretary, Nevada Commission WICHE

NEW MEXICO
J. C. MacGregor, Director of Admissions and Registrar, University of New Mexico

OREGON
Richard L. Collins, Secretary, Oregon State System of Higher Education

UTAH
Dr. Merle E. Allen, Director, Coordinating Council of Higher Education

WYOMING
Dr. L. Floyd Clarke, Head, Department of Zoology and Physiology, University of Wyoming

INSTITUTE COMMITTEE FOR COLLEGE AND UNIVERSITY SELF-STUDY

The following staff members of the Center for Research and Development in Higher Education, University of California at Berkeley serve jointly with members of the WICHE staff in planning and sponsoring the annual Institute for College and University Self-Study.

Dr. Leland L. Medsker, Director, CRDHE
Dr. Patricia Cross, Research Educator
Dr. Ann Heiss, Assistant Research Educator
Dr. T. R. McConnell, Professor of Education
Dr. Warren B. Martin, Visiting Research Educator

SPECIAL CONSULTANTS TO HIGHER EDUCATION PROGRAMS

Dr. Kenneth Boulding, Program Director, Institute of Behavioral Science, University of Colorado
Dr. Algo Henderson, Research Educator, Center for Research and Development in Higher Education, Berkeley
Dr. Roger Heyns, Chancellor, University of California, Berkeley Campus
Dr. Eldon Johnson, Vice-President, University of Illinois
Dr. T. R. McConnell, Professor of Higher Education, University of California, Berkeley
Dr. James G. Miller, Jr., Professor of Higher Education, District Center for Study of Higher Education, University of Michigan
Harris Wofford, Jr., President, State University of New York at Old Westbury

CONSULTANTS TO SPECIAL HIGHER EDUCATION PROGRAMS

ALASKA
Thad Poulson, Associated Press Correspondent, Juneau

ARIZONA
Hal Marshall, Director, News Bureau, University of Arizona, Tucson

CALIFORNIA
Jerry Gillam, Sacramento News Bureau, Los Angeles Times, Sacramento

COLORADO
Tom Gavin, Political Writer, Denver Post, Denver

HAWAII
Hildegaard Verploegen, Education Writer, Honolulu Star-Bulletin, Honolulu

IDAHO
John Corlett, Political Writer, Statesman Newspapers, Boise

NEVADA
Jim Drennan, Chief, State Capitol Bureau, Reno Newspapers, Inc., Carson City

NEW MEXICO
Jack Zygmond, Capitol Correspondent, The Associated Press, Santa Fe

OREGON
Blaine Schultz, Legislative Writer, The Oregonian, Salem

UTAH
Lavor K. Chaffin, Education Editor, Deseret News, Salt Lake City

WASHINGTON
Adele Ferguson, Political Writer, Bremerton Sun, Olympia

WYOMING
Bob Leeright, Associated Press, Cheyenne

CONSULTANTS TO COOPERATIVE EDUCATIONAL DEVELOPMENT OF LIBRARY PERSONNEL

Dr. Lawrence A. Allen, Dean, Department of Library Science, University of Kentucky
Dr. Peter Hiatt, Director, Indiana Library Studies, Indiana State Library
Dr. Robert E. Lee, Director, Department of Librarianship, Kansas State Teachers College

ADVISORY COMMITTEE FOR COOPERATIVE EDUCATIONAL DEVELOPMENT OF LIBRARY PERSONNEL

ALASKA
Richard B. Engen, Director, Division of State Libraries, Alaska State Library, Juneau

ARIZONA
Mrs. Marguerite B. Cooley, Director, Arizona State Department of Library and Archives, Phoenix

CALIFORNIA
Mrs. Carma R. Leigh, State Librarian, California State Library, Sacramento

COLORADO
Gordon Bennett, State Librarian, Colorado State Library, Denver

HAWAII
James R. Hunt, State Librarian, Hawaii Department of Education, Honolulu

IDAHO
Helen M. Miller, State Librarian, Idaho State Library, Boise

MONTANA
Ruth Longworth, Montana State Library, Helena

NEVADA
Mrs. Mildred Heyer, State Librarian, Nevada State Library, Carson City

NEW MEXICO
Dorothy J. Watkins, State Librarian, New Mexico State Library, Santa Fe

OREGON
Eloise Ebert, State Librarian, Oregon State Library, Salem

UTAH
Russell L. Davis, Director, Utah State Library, Salt Lake City

WASHINGTON
Maryan E. Reynolds, State Librarian, Washington State Library, Olympia

WYOMING
Jack Tyler, State Librarian, Wyoming State Library, Cheyenne

WICHE Summer Work-Study Intern Sharon Anderson working with a young patient at the Colorado State Home and Training School.

CONSULTANTS TO MANAGEMENT INFORMATION SYSTEMS PROGRAM

ALASKA
Robert Morphew, Director, Data Processing, University of Alaska

ARIZONA
Myron R. Holbert, Budget Officer, Arizona Board of Regents

CALIFORNIA
Ray Bacchetti, Assistant Provost, Stanford University
Lynn Comeskey, Financial Analyst, Stanford University
Gerald D. Cresci, California Community Colleges
William Cutler, Dean of Business Services, Foothill Junior College
Loren M. Furtado, Assistant Vice-President, Planning and Analysis, University of California
Arthur Hall, State College Dean, Division of Institutional Research, California State Colleges
James Keene, Director of Research, Foothill Junior College
John Keller, Director, Office of Analytical Studies, University of California
Clem Long, Assistant Superintendent of Business, Peralta Colleges
Edward Macias, Assistant Vice-Chancellor, Business Affairs, California State Colleges
Colin MacLeod, Manager, Information Systems, Stanford University
William Mason, Academic Dean's Office, California State Colleges
Joseph F. McCloskey, Director of Research, Association of Independent California Colleges and Universities
Lloyd Messersmith, Executive Director, California Junior College Association
Morgan Odell, Executive Director, Association of Independent California Colleges and Universities
Garland Peed, Assistant Superintendent, Business, Fresno State Junior College District
J. C. Scheuerman, Chief Specialist in Higher Education, California Coordinating Council for Higher Education
George Turner, Information Systems, University of California
Courtland Washburn, Chief Specialist in Higher Education, California Coordinating Council for Higher Education

COLORADO
John W. Bartram, Director of the Budget, University of Colorado
Robert Broughton, Vice-President and Business Manager, Colorado College
Parker Fowler, ADP Systems Coordinator, Colorado Commission on Higher Education

HAWAII
Richard Takasaki, Vice-President for Business Affairs, University of Hawaii

IDAHO
William C. Seifrit, Director, Educational Planning and Research, Idaho State Board of Education
J. W. Watts, Business Manager and Bursar, University of Idaho

MONTANA
William J. Lannan, Montana University System
John N. MacDonald, Fiscal Officer, Montana University System

NEVADA
Neil D. Humphrey, Chancellor, University of Nevada

NEW MEXICO
Kay Hafen, Vice-President, Finance, New Mexico State University
W. R. McConnell, Executive Director, Board of Educational Finance
John Perovich, Vice-President, University of New Mexico

OREGON
R. L. Collins, Secretary of the Board and Budget Director, State System of Higher Education
Ben Lawrence, Executive Director, Educational Coordinating Council
Fred Segrest, Senior Fiscal Analyst, Department of Finance
Floyd Stearns, Educational Coordinating Council

UTAH
Merle E. Allen, Director, Coordinating Council of Higher Education
S. Bertell Bunker, Associate Director, Coordinating Council for Higher Education
Ted Davis, Controller, University of Utah

WASHINGTON
William C. Adkisson, Vice-President, Business and Finance, Seattle University
Denis J. Curry, Director, Interinstitutional Business Officers Committee
Harold Jacobsen, Vice-President, Business and Finance, Seattle Community College
James F. Ryan, Assistant Vice-President, Business and Finance, University of Washington

WYOMING
Archie Johnson, Statistician, University of Wyoming

ILLINOIS
Robert Fenske, Director of Research, Illinois Board of Higher Education
Lyman A. Glenny, Executive Director, Illinois Board of Higher Education
Keith W. Smith, Associate Director, Illinois Board of Higher Education

NEW YORK
Gordon Osborn, Director of Analytical Studies, State University of New York

CONSULTANTS TO JUNIOR COLLEGE DEVELOPMENT

Dr. Paul Elsner, Director, Division of Community Colleges, Colorado State Board for Community Colleges and Occupational Education
Dr. Frederick Giles, Dean, College of Education, University of Washington
Dr. Leland Medsker, Director, Center for Research and Development in Higher Education, University of California at Berkeley
Dr. John Roueche, Associate Director of ERIC Clearinghouse for Junior Colleges, University of California at Los Angeles, and Director, Community College Division, Regional Laboratory for the Carolinas and Virginia
Dr. Thomas Shay, Associate Professor of Higher Education, University of Colorado
Dale Tillery, Center for Research and Development in Higher Education, University of California at Berkeley

WESTERN COUNCIL ON HIGHER EDUCATION FOR NURSING

WCHEN Executive Committee

Mrs. Mildred Quinn, University of Utah (*chairman*)
Doris Miller, University of California at San Francisco (*vice-chairman*)
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Mrs. Verle Lesnan, University of Utah
Florence Miles, Boise State College

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E. Jane Furnas, University of Arizona
Mrs. Ruby Gordon, Glendale Community College
Mrs. Loretta Hanner, Arizona State University
Lillian Lynch, University of Arizona
Betty Pate, Northern Arizona University
Virginia A. Smith, Arizona Western College
Dr. Gladys Sorensen, University of Arizona

Harris L. Wofford, President, State University College, New York, one of the speakers at the 10th Annual College and University Self-Study Institute.

CALIFORNIA

Mrs. Thera B. Abbott, Ventura College
Helen Allen, Humboldt State College
Maxine Atteberry, Loma Linda University
Mrs. Joan Ballard, San Jose City College
Mrs. Margaret Bilynskyj, Santa Monica City College
Dr. Dora Blackmon, San Diego State College
Juanita Booth, Cuesta College
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Ellen Gibson, Pacific Union College
Mrs. Margaret Gingrich, Merritt College
Alice Greenough, Compton College
Ganelle Griffin, City College of San Francisco
Mrs. Anne Grubbs, College of San Mateo
Mrs. Lulu Hassenplug, University of California at Los Angeles
Mrs. Martha Hoard, Fresno City College
Mildred B. Holloway, Los Angeles Valley College
Martha Holmes, College of the Redwoods
Mrs. Bernice Hunn, Contra Costa College
Dr. Alice E. Ingmire, University of California at San Francisco
Mrs. Betty Jacobson, San Bernardino Valley College
Mrs. Ieva Kades, University of California at Los Angeles
Carol Keefe, San Jose State College
Leta Kilander, Biola College
Dr. Marlene Kramer, University of California at San Francisco
Mrs. Barbara Lafferty, Sacramento City College
Mrs. Phyllis Linden, East Los Angeles College
Mrs. Evelyn Malkin, California State College at Los Angeles
Dr. R. Maureen Maxwell, Loma Linda University
Margaret McGillin, Santa Barbara City College
Zelma McKibben, Mount San Antonio College
Doris Miller, University of California at San Francisco
Mrs. Dorothy Mottweiler, College of the Desert
Ruth Munroe, Loma Linda University
Dr. Helen Nahm, University of California at San Francisco

Physician-student of the WICHE Regional Medical Program's Coronary Care Training Center, Missoula, Montana, practicing the insertion of a pacemaker electrode into the heart during a training session in the physiology lab at the University of Montana.

Doris Railson, Fullerton Junior College
Olive Rees, Orange Coast College
Grace Ringressy, Stanford University
F. Marion Roberts, DeAnza College
Ruth Sanders, Loma Linda University
Mrs. Doris Sanson, Cerritos College
Ruth Schindler, Chaffey College
Dr. Marion Schrum, San Francisco State College
Sister Mary Beata, University of San Francisco
Sister Eleanore Francis, Mount St. Mary's College
Mrs. Marjorie Squaires, University of California at Los Angeles
Anna Steffen, Sacramento State College
Mrs. Winifred Steffen, Shasta Junior College
Opal G. Thompson, Grossmont College
Mrs. Violet Torres, San Joaquin Delta College
Dorothy Walsh, California State College at Long Beach
Mrs. Fay O. Wilson, Los Angeles City College
Mrs. Glenys Wilson, Chabot College
Barbara Wright, Los Angeles Harbor College

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Agnes Love, University of Colorado
Mrs. Jean B. Mash, Metropolitan State College
Elaine McMinn, Colorado State College
Margaret Metzger, Loretto Heights College
Louise Moser, Mesa College
Mrs. Elda Popiel, University of Colorado
Mrs. Estelle Singleton, Southern Colorado State College
Dr. Kathryn Smith, University of Colorado

HAWAII

Dr. Marjorie Dunlap, University of Hawaii
Mrs. Jacqueline Johnson, University of Hawaii
Mrs. Hazel Kim, University of Hawaii
Dr. Marian Olson, University of Hawaii
Charlotte Tacke, University of Hawaii

IDAHO

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Florence Miles, Boise State College
Barbara Quirl, Ricks College
Mrs. Grace Smith, Lewis-Clark Normal

MONTANA

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Mrs. Elizabeth Diegel, Montana State University
Virginia Felton, Montana State University
Mrs. Helen Kiesling, Northern Montana College
Dr. Laura Walker, Montana State University

NEVADA

Dr. Marjorie Elmore, University of Nevada
Mrs. Margaret Simon, Nevada Southern University

NEW MEXICO

Beth Hicks, University of New Mexico
Sister Alma Rihm, University of Albuquerque

OREGON

Jean Boyle, University of Oregon
Mrs. Rose Christensen, Portland Community College
Mary Fiorentino, Lane Community College
Lucile Gregerson, University of Oregon
Mrs. Betty Haugen, Southern Oregon College
Vernia Jane Huffman, University of Portland
Wilma Leazer, Walla Walla College
Bernice Orwig, University of Oregon
Evelyn Shattuck, University of Oregon

UTAH

Ann Bruton, Brigham Young University
Sumiko Fujiki, University of Utah
Mrs. Verle Lesnan, University of Utah
Cathryn Mainwaring, University of Utah
Mrs. Elaine Murphy, Brigham Young University
Mrs. Mildred Quinn, University of Utah
Mrs. Ruth Swenson, Weber State College

WASHINGTON

Grace Clissold, Bellevue Community College
Helen Cockrill, Yakima Valley College
Florence Gray, University of Washington
Mrs. Lydia Green, Seattle Pacific College
Mrs. Jean Hamilton, Clark College
Dr. Katherine Hoffman, University of Washington
Mrs. Jeanne Irving, Everett Community College
Mrs. Marjorie O'Connell, Columbia Basin College
Dr. Eileen Ridgway, Seattle University
Louise Shores, University of Washington
Dr. Doris Stucke, Pacific Lutheran University
Dr. Mary Tschudin, University of Washington
Mrs. Doris Wolter, Highline College
Mrs. Frances Zaleski, Shoreline Community College

WYOMING

Dorothy Tupper, University of Wyoming

NURSING PROJECT COMMITTEES

Advisory Committee to Nursing Measurement Program

Mrs. Pearl P. Coulter, University of Arizona
Mrs. Mae Johnson, Los Angeles Valley College
Dr. Amelia Leino, University of Wyoming
Ruth Schindler, Chaffey College

Advisory Committee to Nursing Research Conferences Program

Dr. Katherine Hoffman, University of Washington
Dr. Madeleine Leininger, University of Colorado
Dr. R. Maureen Maxwell, Loma Linda University

Committee for Curriculum Improvement Project

Mrs. Joan Ballard, San Jose City College
Mrs. Wanda King, California State College at Los Angeles
Dr. Marlene Kramer, University of California at San Francisco
Dr. Rose McKay, University of Colorado
Florence Miles, Boise State College
Dr. Laura Walker, Montana State University

STAFFS OF SHORT-TERM EDUCATIONAL PROGRAMS FOR NURSES

UNIVERSITY OF ARIZONA

Lillian Lynch, Assistant Professor, College of Nursing, University of Arizona (*chairman*)
Vera Atwood, Assistant Director of Nursing Service, Pima County General Hospital
Rosamond Gabrielson, Assistant Administrator of Nursing Service, Good Samaritan Hospital
Dorothy Gerrard, Executive Director, Visiting Nurses' Association
Carol Wurzell, Instructor, College of Nursing, Arizona State University

UNIVERSITY OF CALIFORNIA, LOS ANGELES

Mrs. Marjorie Squaires, Coordinator-Administrator, Continuing Education in Nursing, School of Nursing, UCLA (*chairman*)
Mrs. Harriet Bilezikjian, Nursing Supervisor, Medicine, University of California Hospital, Los Angeles
Mrs. Anna Carlton, Assistant Supervisor, Visiting Nurses' Association, San Diego County
Mrs. Mae Johnson, Chairman, Department of Nursing, Los Angeles Valley College
Mrs. Wanda L. King, Assistant Professor, Public Health Nursing, California State College at Los Angeles
Zelma McKibben, Chairman, Associate Degree Nursing Program, Mount San Antonio College
Mrs. Doris Railson, Coordinator, Division of Nursing, Fullerton Junior College

Dr. Ben Lawrence, Executive Director, Oregon Educational Coordinating Council, and Director-designate, WICHE Management Information Systems Program.

Dr. Merle E. Allen, WICHE Chairman, and Dr. Juanita Greer White, Executive Committee member and a Regent of the University of Nevada, discuss a point at the December Executive Committee Meeting held at the Hoover Institution, Stanford University.

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

Dr. Alice E. Ingmire, Professor, School of Nursing, UCSF (*chairman*)
Ilona Bellak, Assistant Director of Nursing, Marin General Hospital
Max Cox, Supervising Psychiatric Nurse, Mendocino State Hospital
Carol Molvig, Assistant Director of Nurses, University of California Hospitals, San Francisco
Irene Pope, Director of Nurses, San Francisco General Hospital
Helen Yount, Supervising Public Health Nurse, San Francisco Health Department

UNIVERSITY OF COLORADO

Mrs. Elda Popiel, Director of Continuation Education, School of Nursing, University of Colorado (*chairman*)
Betty Lou Brock, Longmont
Doris Coleman, Medical-Surgical Nurse Specialist, Continuation Education Services, School of Nursing, University of Colorado
Mrs. Madolin M. Dickinson, Director of Nursing Education and Licensing, Colorado State Board of Nursing
Rita Dingman, Chronic Disease Nursing Consultant, Colorado State Department of Public Health
Donna Gilson, Golden
Barbara R. Goetz, Associate Professor, College of Nursing, University of Wyoming
Anne Gough. Director, Nursing Program, Colorado-Wyoming Regional Medical Program
Ernest Lee Hall. Instructor, School of Nursing, University of Colorado
Rachel Hanson. Assistant Professor, School of Nursing, Loretto Heights College
Thelma Lucile Lohr. Consultant and Chief Resource Person for Coronary Care Program, School of Nursing, University of Colorado
Naomi Medearis, Assistant Professor and Assistant Director, Continuing Education, School of Nursing, University of Colorado
Mrs. Lucile Thompson, Clinical Instructor, Mercy Hospital, Denver
Charles Edward Welch, Research Associate, Data Analyst, Department of Mass Communications, University of Denver

UNIVERSITY OF HAWAII

Charlotte Tacke. Assistant Professor, School of Nursing, University of Hawaii (*chairman*)
Charlotte Dennis, Director of Nursing Service, Queen's Hospital
Mrs. Margaret Miller, Supervisor, Public Health Nursing, Hilo
Mrs. Harriett Tonaki, Director of Nursing, Kuakini Hospital

MONTANA STATE UNIVERSITY

Rita M. Darragh, Assistant Director — Associate Professor, School of Nursing, Montana State University (*chairman*)
Mary Edna Earls, Director, St. James Community School of Nursing
Virginia Felton, Associate Professor, School of Nursing, Montana State University
Betty Findlater, Assistant Chief for Nursing Education, Veterans Administration Hospital
Monte Kyle, Mental Health Consultant, State Board of Health
Sister Geraldine, In-Service Director, St. Johns Hospital
Sister Magdalene of Providence, Sacred Heart Hospital, Director of Nursing
Sister Mary Jerome, Director, St. James Community School of Nursing

UNIVERSITY OF OREGON

Bernice I. Orwig, Associate Professor, School of Nursing, University of Oregon (*chairman*)
Caroline Conner, Director of Nursing Service, St. Luke's Memorial Hospital
Hortensia Dalrymple, Nurse Consultant, Oregon State Board of Health
Dorothy J. Davy, Director of Nursing Service, Good Samaritan Hospital and Medical Center, Portland
Olga Keesling, Assistant Professor, School of Nursing, University of Oregon
B. Lenore Killam, Director of Nursing Service, University of Oregon Medical School Hospital
Shirley J. Kimball, Director of Nursing, Northwest Hospital, Seattle
Louise Shores, Coordinator of Continuing Education, School of Nursing, University of Washington
Dixie A. Wilkinson, Director of Nursing Service, Central Washington Deaconess Hospital

UNIVERSITY OF UTAH

Mrs. Verle Lesnan, Assistant Professor, Director, Continuing Education Services, College of Nursing, University of Utah (*chairman*)
Margaret Adamson, Assistant Professor, Nursing, Idaho State University
Nelda Chadwick, Associate Director, Nursing Service, University Hospital, University of Utah
Jane Sheldon, Instructor, Psychiatric Nursing, University of Utah, College of Nursing
Maxine Thomas, Director, Salt Lake Community Nursing Service

CONSULTANT TO NURSING RESEARCH PROJECTS

Marjorie V. Batey, Ph.D., Associate Professor, School of Nursing, University of Washington

CONSULTANTS TO INTERSTATE PLAN FOR MEDICAL EDUCATION FOR SPARSELY SETTLED STATES

Robert Aldrich, M.D., University of Washington, School of Medicine
Herbert R. Brettell, M.D., University of Colorado, School of Medicine
Dr. William Cooper, University of Colorado, School of Medicine
Ward Darley, M.D., University of Colorado, School of Medicine
Robert L. Evans, M.D., York Hospital, York, Pennsylvania
Ray Eugene Helfer, M.D., University of Colorado, School of Medicine
Richard Magraw, M.D., U.S. Public Health Service, Silver Springs, Maryland .
Tadashi Mayeda, EDUCOM, Bethesda, Maryland
Robert D. Tschirgi, M.D., University of California at San Diego

MOUNTAIN STATES REGIONAL MEDICAL PROGRAM ADVISORY COMMITTEES

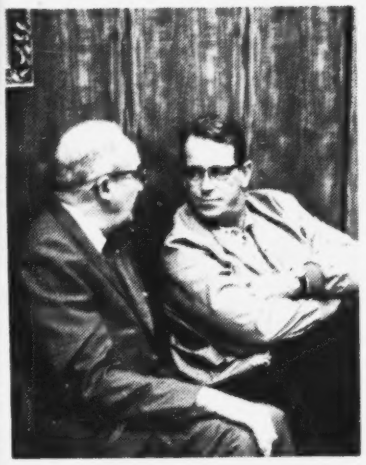
IDAHO

Mrs. Florence Abel, Executive Director, Idaho Tuberculosis Association, Boise
Dr. John B. Barnes, President, Boise State College, Boise
C. E. Barnett, Idaho Pharmaceutical Association, Boise
W. W. Benson, Chief, Vital Statistics Section, Idaho Department of Health, Boise
Robert K. Borron, M.D., Nampa
John E. Braddock, M.D., Lewiston
Mrs. Adrian Burstedt, Board of Directors, Idaho Division, American Cancer Society, Challis
Lloyd S. Call, M.D., Pocatello
A. H. Chatburn, Director, Educational Service, Boise State College, Boise
Frank W. Crowe, M.D., Boise
Nan F. Davis, Attorney, Nampa
Dr. William E. Davis, President, Idaho State University, Pocatello
R. Reed Fife, M.D., Idaho Falls
E. E. Gilbertson, Administrator, St. Luke's Hospital, Boise
A. B. Halliday, M.D., Chief of Medical Services, Veterans Administration Hospital, Boise
Dr. Ernest W. Hartung, President, University of Idaho, Moscow
John C. Holste, Supervisor, Caldwell Memorial Clinical Laboratory, Caldwell
Sister M. Peter James, Administrator, St. Alphonsus' Hospital, Boise
E. G. Jenkins, Caldwell
Zach A. Johnson, M.D., Salman
A. Curtis Jones, Jr., M.D., Boise
Marjorie E. Schlotterbeck, Executive Director, Idaho State Board of Nursing, Boise
E. V. Simison, M.D., Dean, College of Medical Arts, Idaho State University, Pocatello
Dorothy Smylie, Boise
Robert E. Staley, M.D., Kellogg
Dr. Lyle L. Stanford, Head, Department of Biology, College of Idaho, Caldwell
Raymond L. Tate, Administrator, Bannock Memorial Hospital, Pocatello
Charles A. Terhune, M.D., Burley
H. O. Toevs, D.D.S., Rupert
Roger L. Williams, Attorney, Nampa

MONTANA

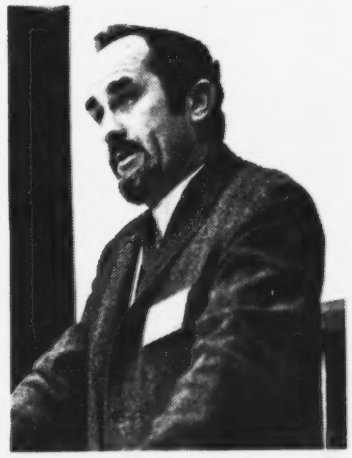
Robert M. Addison, M.D., Great Falls
John S. Anderson, M.D., State Department of Health, Helena
Mrs. Helen Bertelson, Billings
Ray O. Bjark, M.D., Helena
Richard S. Buker, Jr., M.D., Liberty County Hospital, Chester
Sister Mary Canjar, Administratrix, St. James Community Hospital, Butte
William A. Cordingley, Great Falls Tribune, Great Falls
Arthur V. Crandall, Administrator, St. Patrick Hospital, Missoula
Joe Crosswhite, President, Montana AFL-CIA, Columbia Falls
Mary Edna Earls, Great Falls
Mrs. Robert Findlater, Miles City
Alfred M. Fulton, M.D., Billings
Paul J. Gans, M.D., Lewiston
J. C. Garlington, Missoula
Rt. Rev. Jackson E. Gilliam, Helena
Allan L. Goulding, M.D., Billings
David Gregory, M.D., Glasgow
William A. Groff, State Senator, Victor
Fred Holbrook, Administrator, Great Falls Deaconess Hospital, Great Falls
Robert D. Howe, Billings
David James, State Senator, Joplin
D. Frank Johnson, M.D., Billings
Dr. Leon H. Johnson, Montana State University, Bozeman
Carl Larson, M.D., Director, Stella Duncan Foundation, University of Montana, Missoula
John H. Leuthold, Molt
Joe Luckman, Great Falls
George Lund, Reserve
Charles Mahoney, Jordan
Richard C. Mattson, Dean of Students, Northern Montana College, Havre
C. G. McCarthy, M.D., Missoula
Walter H. McLeod, Jr., Kalispell
Helen Murphy, Ft. Harrison
Edward W. Nelson, Executive Secretary, Montana University System, Helena
John A. Newman, M.D., St. James Community Hospital, Butte
Robert T. Pantzer, Missoula
James L. Patterson, Jr., M.D., Butte
Richard C. Ritter, D.D.S., Bozeman
A. L. Vadheim, M.D., Bozeman
Dr. Laura Walker, Head, School of Nursing, Montana State University, Bozeman
Virgil T. Walker, St. Vincent's Hospital, Billings
M. D. Winter, Jr., M.D., Miles City
Paul Working, Livingston
Mrs. Susie Yellowtail, U.S. Public Health Service, Surgeon General's Indian Health Advisory Board, Wyola

Executive Committee Meeting Held in December at the Hoover Institution, Palo Alto, California.



At left, Commissioners Frank J. Van Dyke and John G .Mackie. Center, Commissioner William E. Davis. At right, Commissioner Rita R. Campbell with Mrs. Jean Davis, Administrative Assistant to the Director.

Ninth Annual Training Institute for Psychiatrist-Teachers of Practicing Physicians.



Titled, "The Changing Role of the Physician in the Community," the Institute presented the psychiatrist-teachers with a view of present medical services as seen by representatives of minority groups, labor, the rural and religious communities, and the future physician, the medical student. Among the speakers were (above, left) James C. Bates, Community Organizer, South Central Multi-Purpose Health Services Center, Los Angeles; (above, center) Donald H. Naftulin, M.D., Director, Postgraduate Division, Department of Psychiatry, University of Southern California School of Medicine; (above, right) Rev. Carlo A. Weber, Director, Psychological Services, Loyola University of Los Angeles; (below, left) Peter Barry, second year medical student, University of Southern California; (below, center) Armando Morales, MSW, Supervising Social Worker, East Los Angeles Mental Health Center; and (below, right) Harry Bilagody, Mental Health Worker, Navajo Area Mental Health Program, U.S. Public Health Service, Window Rock, Arizona.

WYOMING

Arthur Abbey, Cheyenne
Herrick J. Aldrich, M.D., Sheridan
Donald L. Becker, M.D., Casper
R. D. Bloemendaal, M.D., Cody
W. Andrew Bunten, Jr., Cheyenne
James Carr, Administrator, Memorial Hospital Natrona County, Casper
Ray K. Christensen, M.D., Powell
Joseph A. Devine, D.D.S., Cheyenne
William G. Erickson, M.D., Lander
R. L. Fernau, M.D., Riverton
Dr. Edwin G. Flittie, Department of Sociology, University of Wyoming, Laramie
Benjamin Gitlitz, M.D., Thermopolis
John B. Gramlich, M.D., Cheyenne
Laurence W. Greene, Jr., M.D., Laramie
Bernard Horton, Cheyenne
Dr. George D. Humphrey, President Emeritus, University of Wyoming
P. J. Kane, D.D.S., Sheridan
Wallace R. Koseluk, Center Director, Veterans Administration Center, Cheyenne
Joe J. Major, Casper
Mrs. Kitty Meloney, Basin
William Nichols, Administrator, Memorial Hospital of Laramie County, Cheyenne
H. S. Parish, M.D., Assistant Director, Wyoming Department of Public Health, Cheyenne
Roy Peck, Natural Resource Board, Cheyenne
William V. Pryrich, M.D., Rock Springs
Dorothy Putnam, Director, Nursing Education Program, Casper College, Casper
R. D. Rieth, M.D., Gottsche Rehabilitation Center, Thermopolis
Margaret E. Smith, Memorial Hospital Nurses Home, Cheyenne
Henry N. Stephenson, M.D., Wyoming State Medical Society, Newcastle
R. C. Taylor, Cheyenne

STATE STAFF DEVELOPMENT COMMITTEES—AND CONTINUATION EDUCATION IN MENTAL HEALTH

In 1962, the Western Council on Mental Health Training and Research established a series of staff development committees in each state. Some became quite active in helping to suggest and to plan for WICHE conferences, visitations, and institutes on new innovations in mental health services in the West. One of the ongoing tasks of the new project in continuing education for mental health professionals now being launched by WICHE is to meet with remaining members of these committees and re-structure a fresh group in each state with representatives from both academic settings and treatment agencies. Each state committee is to have four main functions: (1) To help assess the "needs" of its own mental health professionals for continuing education (and to give WICHE feedback on the effectiveness and relevance of WICHE efforts in this regard); (2) To help select participants for regional conferences, institutes, visitations, etc., organized by WICHE for mental health professionals; (3) To spot innovative programs and creative leaders within its own boundaries which could be used as educational resources for WICHE training ventures; (4) Last — but in some cases perhaps most important in the long run — to help stimulate development of mental health continuation education on its own campuses and agencies by promoting interaction between key professionals from both academia and the field, by helping to develop grants and new projects, and acting in a coordinating role as new resources begin to appear.

These committees are now being reorganized in eight states. Chairmen are as follows:

ARIZONA

Dr. Horace Lundberg, Dean, Graduate School of Social Service Administration, Arizona State University.

CALIFORNIA, NORTHERN

Mrs. Helen Herrick, ACSW, Asst. Professor of Rehabilitation Counseling, San Francisco State College.

HAWAII

Dr. Angie Connor, M.D., Professor of Public Health, School of Public Health, University of Hawaii.

IDAHO

Dr. Vergil Sterling, Chief of Psychology, Mental Health Division, Idaho Department of Health.

MONTANA

Dr. Stanley Rogers, M.D., Superintendent, Montana State Hospital.

NEW MEXICO

Dr. Eugene Mariani, Director of Program Administration, Department of Health and Social Services.

UTAH

Dr. Wilfred H. Higashi, Acting Director, Division of Mental Health, Utah Department of Health and Welfare.

Jack Lubensky, second year medical student, University of Southern California speaks on medical education at the 9th Annual Training Institute for Psychiatrist-Teachers of Practicing Physicians held in Los Angeles.

WYOMING

Dr. Arthur Davison, Director, Mental Health Division, State Department of Public Health.

In addition, J. Ray Langdon, M.D., has agreed to continue as chairman of the Alaska committee. During the coming year, the need for re-structuring of these committees will be explored in the remaining WICHE states (Colorado, Nevada, Oregon, and Washington).

REPRESENTATIVES OF MEDICAL SCHOOLS AND CENTERS IN THE WESTERN HALF OF THE NATION

Harry F. Bisel, M.D., Consultant and Head of the Section of Clinical Oncology, The Mayo Clinic, Rochester, Minnesota
C. Hilmon Castle, M.D., Associate Dean, University of Utah, College of Medicine, Salt Lake City
Merlin K. Duval, M.D., Dean, University of Arizona, College of Medicine, Tucson
C. Wesley Eisele, M.D., Associate Dean for Postgraduate Medical Education, University of Colorado, School of Medicine, Denver
Reginald H. Fitz, M.D., Dean, University of New Mexico, School of Medicine, Albuquerque
*__M. Roberts Grover, M.D.,__ Director of Continuing Medical Education, University of Oregon Medical School, Portland
T. H. Harwood, M.D., Dean, University of North Dakota, School of Medicine, Grand Forks
Joseph M. Holthaus, M.D., Associate Dean, Creighton University, School of Medicine, Omaha, Nebraska
George W. Knabe, M.D., Acting Dean, State University of South Dakota, School of Medicine, Vermillion
Donal R. Sparkman, M.D., Director, Washington/Alaska Regional Medical Program, Seattle

Professor Kenneth E. Boulding, consultant to Special Higher Education Programs seminar.

W. Albert Sullivan, Jr., M.D., Director, Department of Continuation Medical Education, University of Minnesota, Medical School, Minneapolis
Paul D. Ward, Executive Director, California Committee on Regional Medical Programs, San Francisco
**Executive Committee Member*

NEVADA

Ralph E. Adams, M.D., Executive Director, Southern Nevada Memorial Hospital, Las Vegas
Fred M. Anderson, M.D., Reno
Ida Armas, Fallon
Robert Barnet, M.D., Reno
Walter Bigford, M.D., Sunrise Hospital, Las Vegas
Roger Bissett, State Senator, Reno
Dave Brandsness, Administrator, Sunrise Hospital, Las Vegas
Hugh Collett, M.D., Elko Clinic, Elko
Edward F. Crippen, M.D., State Health Officer, Carson City
John M. Davis, M.D., Reno
Dr. James Deacon, Biology Department, Nevada Southern University, Las Vegas
Edward Dehne, M.D., Carson City
Dr. Marjorie Elmore, Dean, Orvis School of Nursing, University of Nevada, Reno
Dr. Dean Fletcher, Professor of Cancer Research, University of Nevada, Reno
Jack S. Harper, M.D., Carson City
Mark L. Herman, M.D., Chief, Preventative Medical Services, Reno
Wes Howery, Las Vegas
Theodore Jacobs, M.D., Las Vegas
James M. Jones, D.D.S., Las Vegas
David S. LaMure, M.D., Babbitt
George B. Lappin, Center Director, Veterans Administration Hospital, Reno
Dr. Richard Licata, Reno
Dwight Marshall, Director, General and Technical Institute, Nevada Southern University, Las Vegas
Nelson B. Neff, Executive Secretary, Nevada State Medical Association, Reno
William A. O'Brien, III, M.D., Reno
Carroll Ogren, Administrator, Washoe Medical Center, Reno
R. Borden Reams, U.S. Ambassador (Retired), Reno
G. William Richards, Reno
Mildred Sebbas, Administrator, Pershing General Hospital, Lovelock
Joseph Smith, American Cancer Society, Las Vegas
Walter Tabar, M.D., Henderson
Robert Taylor, M.D., Las Vegas
Ben Timberlake, Reno
Mrs. Lura Tularki, Washoe Medical Center, Reno
Eugene Van Der Smissen, M.D., Las Vegas
Thomas S. White, M.D., Boulder City
Reuben Zucker, M.D., Las Vegas

WESTERN COUNCIL ON MENTAL HEALTH TRAINING AND RESEARCH

This council was established in 1957, following a resolution of the Western Legislative Conference of the Council of State Governments. It is advisory to the Commission, which appoints its members. The council is primarily interested in: (1) the educational preparation of professionals in the field of mental health and related areas including special education and rehabilitation, mental retardation, corrections, and social and helping services; (2) research; (3) recruitment for these professions.

***Dr. Charles R. Strother,** Professor of Psychology, University of Washington (*chairman*)
***Dr. Leo F. Cain,** President, California State College at Dominquez
***Dr. John D. Cambareri,** Director, Comprehensive State Planning, Idaho State Department of Public Health, Boise
Angie Connor, M.D., Professor of Public Health, University of Hawaii
Sumiko Fujiki, Director, Graduate Program in Psychiatric Nursing, College of Nursing, University of Utah
Herbert S. Gaskill, M.D., Chairman, Department of Psychiatry, School of Medicine, University of Colorado
James Grobe, M.D., Maryvale Clinic, Phoenix, Arizona
***Dr. Gordon Hearn,** Dean, School of Social Work, Portland State College
Dr. Garrett Heyns, Olympia, Washington
Ward C. Holbrook, Coordinator of Health, Welfare, and Corrections, Utah Department of Public Welfare, Salt Lake City
Dr. Irving Katz, Associate Professor and Chairman, Department of Psychology, Nevada Southern University
J. Ray Langdon, M.D., Anchorage, Alaska
***Ralph Littlestone,** Chief of Planning, California Department of Mental Hygiene, Sacramento
Dr. Horace Lundberg, Dean, Graduate School of Social Service Administration, Arizona State University
Dr. Eugene Mariani, Director, Office of Program Administration, New Mexico Health and Social Services Department, Santa Fe
Judd Marmor, M.D., Professor of Clinical Psychiatry, University of California at Los Angeles
Dr. E. K. Nelson, Professor, School of Public Administration, University of Southern California
Dr. Richard A. Pasewark, Associate Professor of Psychology, University of Wyoming
Stanley J. Rogers, M.D., Superintendent and Director, Division of Mental Hygiene, Montana State Hospital, Warm Springs
Samuel Schiff, M.D., Chief, Staff Development Department, Ft. Logan Mental Health Center, Ft. Logan, Colorado
***Robert A. Senescu, M.D.,** Chairman, Department of Psychiatry, School of Medicine, University of New Mexico
Dr. Rex A. Skidmore, Dean, University of Utah School of Social Work, Salt Lake City
John H. Waterman, M.D., Associate Professor of Clinical Psychiatry, University of Oregon; WICHE Field Consultant on GP Programs
**Executive Committee Member*

SUMMER WORK-STUDY PROGRAM IN MENTAL HEALTH

The following colleges and universities, in cooperation with nearly 100 helping services agencies in state institutions and communities, offered summer work-study programs in mental health for college students in 1968. Also listed are the names of the program coordinators at these institutions.

Alaska Methodist University, James Parsons
California State College at Los Angeles, Robert Shasre
San Diego State College, Drs. William Lee and Nicos Mouratides
Sacramento State College, Carl Fransham
University of the Pacific, Mrs. Fay Goleman and Mrs. Helen Herrick
University of Colorado, Dr. Pavel Machotka
University of Hawaii, Dr. Dean McIntosh
University of Montana, Dr. Morton Arkava
New Mexico Highlands University, Dr. John Clark
University of Oregon, Dr. Dale Simmons, Combined Oregon, Washington, and Idaho program
University of Utah, Robert Ashpole
Weber State College, Raymond Clark

PSYCHIATRIST AND OTHER TEACHERS FOR SHORT COURSES FOR GENERAL PRACTITIONERS

In cooperation with the American Academy of General Practice and local medical societies, WICHE sponsors a program of psychiatric training for general practitioners who wish to update their knowledge about the emotional problems of their patients. Since 1960, slightly less than 900 physicians have participated in these seminars. The following psychiatrists taught courses in 1968.

ARIZONA

Douglas:
James D. Van Antwerp, M.D.
Gabriel Cata, M.D.
Hubert R. Estes, M.D.
Keith R. Treptow, M.D.
Mesa:
John H. Jarvis, M.D.
Derald G. May, M.D.

MONTANA

Glasgow:
James J. Brophy, M.D.
Walter Meihoff, M.D.
John Waterman, M.D.
Sidney:
John Waterman, M.D.

NEW MEXICO

Roswell:
Robert Senescu, M.D.

OREGON

Corvallis:
Ted Foulke, M.D.
George Kjaer, M.D.
James Newman, M.D.

Dr. Roger Heyns, Chancellor, University of California at Berkeley, one of the speakers at the 10th Annual College and University Self-Study Institute.

ADVISORY COMMITTEE FOR GENERAL PRACTITIONER EDUCATION PROGRAM

Robert I. Daugherty, M.D., Department of Psychiatry, School of Medicine, University of California at San Francisco
Herbert Fowler, M.D., Department of Psychiatry, University of Utah, College of Medicine
James Grobe, M.D., Maryvale Clinic, Phoenix, Arizona
Donald Naftulin, M.D., Department of Psychiatry, University of Southern California, School of Medicine
Carl Pollock, M.D., Department of Psychiatry, University of Colorado, School of Medicine
Robert A. Senescu, M.D., Chairman, Department of Psychiatry, University of New Mexico, School of Medicine
Alexander Simon, M.D., Chairman, Department of Psychiatry, School of Medicine, University of California at San Francisco
John H. Waterman, M.D., Field Consultant, GP Programs, Tualatin, Oregon

ADVISORY COMMITTEE FOR THE SPECIAL EDUCATION AND REHABILITATION PROGRAM

Dr. Willard Abraham, Chairman, Department of Special Education, Arizona State University
Dr. Martin Acker, Visiting Professor, Federal City College, Washington, D.C.
Mrs. Eleanor Bodahl, Consultant, Special Education, Idaho Department of Education
Dr. Kenneth Card, Head, Special Education and Guidance, Eastern Montana College
Dr. Joseph Lerner, Chairman, Special Education Department, San Francisco State College
Dr. Dan McAlees, Director, Rehabilitation Counselor Training, Colorado State College
Dr. Parnell McLaughlin, Director, Colorado Vocational Rehabilitation, Denver
Andrew Marrin, Associate Regional Commissioner, Rehabilitation Services Administration, Department of Health, Education, and Welfare, Denver
Dr. Charles Ryan, College of Education, Utah State University
Dr. David W. Smith, Director, Rehabilitation Center, University of Arizona
Dr. Tony Vaughan, Director, Special Education, Colorado State College
Dr. Ernest Willenberg, Director, Division of Special Education, Los Angeles Board of Education

ADVISORY COMMITTEE FOR THE WESTERN REGIONAL CORRECTIONS PROGRAM

Dr. Garrett Heyns, Director, Joint Commission on Correctional Manpower and Training, Washington, D.C. (*chairman*)
W. Tom Adams, Employee Development & Training Coordinator, Department of Institutions, Olympia, Washington
John C. Doyle, Director, Western Office, Council of State Governments, San Francisco, California
Walter Dunbar, Chairman, United States Board of Parole, United States Department of Justice, Washington, D.C.
Marshall Fels, Coordinator of Professional Education, Department of Mental Hygiene, Sacramento, California
Dr. E. K. Nelson, Professor of Public Administration, University of Southern California, Los Angeles, California
Mrs. Thomas Scales, WICHE Commissioner, Portland, Oregon

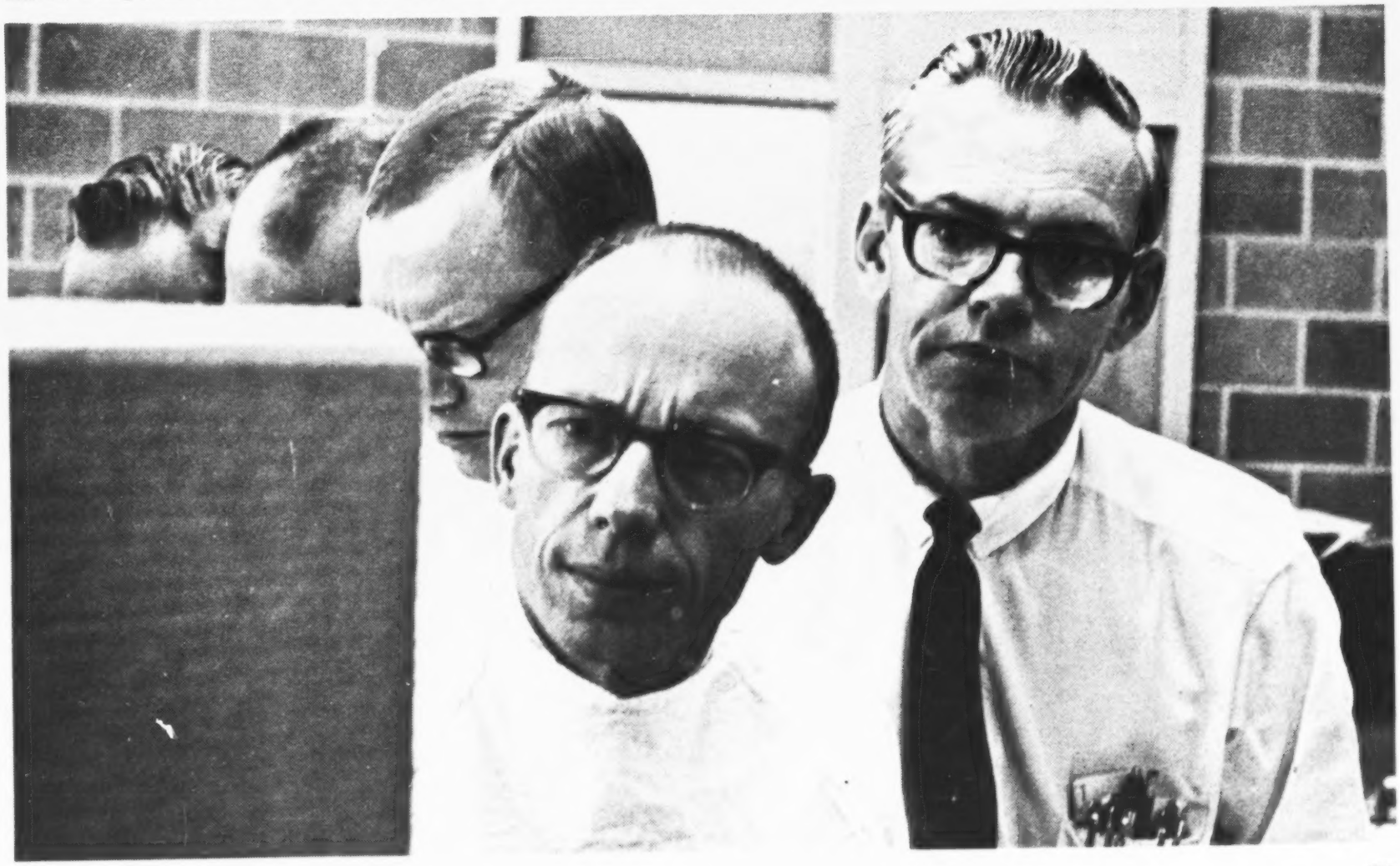
ADVISORY COMMITTEE FOR UNDERGRADUATE HELPING SERVICES PROGRAM

Dr. Gordon Hearn, Dean, School of Social Work, Portland State College (*chairman*)
Thomas Brigham, Dean, Graduate School of Social Work, Fresno State College
Dr. Charles Browning, Associate Professor of Sociology, Department of Sociology, Whittier College
Dr. John Lillywhite, Professor, Department of Sociology, Washington State University
Dr. Parnell McLaughlin, Director, Rehabilitation, Department of Health, Education, and Welfare, Colorado
Dr. Rex Skidmore, Dean, School of Social Work, University of Utah
Dr. Eugene Koprowski, Associate Dean and Associate Professor of Management and Organization, School of Business, University of Colorado

PLANNING COMMITTEE FOR SOCIAL WORK GRADUATE DEANS AND FACULTIES PROGRAM

Thomas Brigham, Dean, Division of Social Work, Fresno State College
Dr. Charles B. Brink, Dean, School of Social Work, University of Washington
Dr. Charles Browning, Associate Professor of Sociology, Department of Sociology, Whittier College
Dr. Gordon Hearn, Dean, School of Social Work, Portland State College
Dr. Francis P. Purcell, Dean, Social Welfare Department, School of Behavioral and Social Science, San Francisco State College
Dr. Allan Wade, Dean, School of Social Work, Sacramento State College

Physician-students of the WICHE Regional Medical Program's Coronary Care Training Center, Missoula, Montana, carefully watch the electrocardiogram monitor during a training session in the physiology lab at the University of Montana.



WICHE Summer Work-Study Intern Maria Lopez talks over a problem with a resident of the Girls Welfare Home, Albuquerque, N.M.

Howard Rosen, another Summer Work-Study Intern, interviews a patient at the New Mexico State Hospital at Las Vegas, N.M.

PLANNING COMMITTEE FOR STATE PERSONNEL DIRECTORS PROGRAM

Dr. Jerry W. Carter, Jr., Special Assistant for Personnel in State Mental Health, National Institute of Mental Health, Chevy Chase, Maryland
Raymond W. Craig, Mental Health Consultant in Social Work, U.S. Public Health Service, Department of Health, Education, and Welfare, San Francisco
Theodore Fasso, Mental Health Consultant in Social Work, U.S. Public Health Service, Department of Health, Education, and Welfare, Denver
Larry Green, Regional Merit System Representative, Department of Health, Education, and Welfare, Denver
Dr. Wilfred H. Higashi, Acting Director, Utah State Department of Health and Welfare, Salt Lake City
William Hilty, Director, Colorado State Personnel Department, Denver
Edward Hinestreet, Utah State Personnel Director, Salt Lake City
Leonard Nord, Washington State Personnel Director, Olympia
Dewitt Robbeloth, Personnel Management Specialist, Department of Health, Education, and Welfare, San Francisco
Roland Rush, Supervisor, California State Personnel Board, Sacramento
Dr. Harlan Young, Chief Psychological Consultant, Division of Mental Health, Colorado State Department of Institutions, Denver

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Dr. Harry Martin, Department of Psychiatry, University of Texas School of Medicine
Dorothy Smylie, Assistant Chief, Crippled Children's Service, Child Health Division, Idaho State Department of Health
Gareth Thorne, Superintendent, Rainier School, Washington
Horace Thuline, M.D., Director of Laboratories, Rainier School, Washington

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Wilbur Dixon, Director, Division of Public Services, Navajo Tribal Council
Dr. Phillip D. Gaffney, Chairman, Mental Retardation Advisory Council, State of Arizona
William M. Kelsay, Director, Mental Retardation Program, New Mexico Planning Office
Mrs. Kathleen Littler, Chairman, State Coordinating Advisory Board for Mental Retardation
Domingo Montoya, Chairman, All Pueblo Council, United Pueblo Agency
Robert M. Porter, Superintendent, State Home and Training School, Grand Junction
Dr. Avard A. Rigby, Administrator, Division of Special Services, Utah State Board of Education
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T. K. Taylor, Director, Mental Retardation Program, Arizona State Department of Health

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WICHE Staff

(as of January, 1969)

GENERAL ADMINISTRATION

Top row, left to right: Robert H. Kroepsch, Ed.D., *Executive Director;* Jean Davis, *Administrative Assistant;* Lee E. Gladish, B.A., *Publications Specialist;* John C. Staley, B.S., *Administrative Services Officer;* Gerald S. Volgenau, M.A., *Public Information Officer.* Left: Clarissa T. Watson, M.L.S., *Librarian.*

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REGIONAL PROGRAMS—GENERAL

Top row: Kevin P. Bunnell, Ed.D., *WICHE Associate Director and Director, Medical Education Programs;* David B. Booth, Ph.D., *Department Chairmen Program;* Dorothy P. Buck, M.S., *Student Exchange Program.* Middle row: Barbara J. Conroy, M.A., *Coordinator, Cooperative Educational Development for Library Personnel;* Jo Eleanor Elliott, A.M., *Nursing Education Programs;* Robert S. Hullinghorst, B.A., *Economic Development Internship Program.* Bottom row: H. Earl Hunsicker, M.A., *Coordinator Economic Development Internship Program;* W. John Minter, M.S.M., *Special Higher Education Programs;* Juereta Smith, M.A., *Co-director, Curriculum Improvement Project, Nursing;* Patricia O. Snyder, B.A., *Assistant, Special Higher Education Programs;* Julia A. Vadala, B.A., *Assistant, General Regional Programs.*

FIELD STAFF FOR MOUNTAIN STATES REGIONAL MEDICAL PROGRAM

Popma | Barton | Pratt | Phillips | Grizzle | Braun

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CORONARY CARE TRAINING PROGRAM
Harold A. Braun, M.D., *Director;* Gerald A. Diettert, M.D., *Faculty Consultant;* Mrs. Lillian LaCroix, *Educational Specialist, Nursing;* Richard D. Weber, M.D., *Faculty Consultant.*

The WICHE Student Exchange Program - 1968-1969*

(as of December 2, 1968)

	Medicine													Dentistry								Veterinary Medicine				Dental Hygiene							STATE FUNDS	
	LL	STAN.	ARIZ.	UCLA	UC SF	COLO.	NM	OREG.	USC	UTAH	WASH.	TOTAL	LL	UCLA	UC SF	OREG.	UOP	USC	WASH.	TOTAL	CSU	UCD	WSU	TOTAL	ISU	RC	UNM	OREG.	USC	WASH.	TOTAL	Students	Funds
ALASKA	1	1			1		1	2	1		3	10	1			1	1		1	4					1	1				2	4	18	$ 36,200
ARIZONA	6	5		2	7	19	1	2	7	4		53	7	5	1	5	5	23	6	52	10	1	2	13		1	4	2	2		9	127	263,000
COLORADO													1	1	2	4			7	15												15	31,200
HAWAII					3	1	1				3	8	1		2	4		2	2	11	1	1	2	4								23	43,800
IDAHO		1		1		1	1	23		21	4	52	3	1	3	19	1		5	32	2		10	12								96	211,600
MONTANA		6			2	6		12		8	5	39	2		1	12	1		1	17	12		18	30	1			2			3	89	184,000
NEVADA	1	1	1	2	1	3	3	5	1	2	1	21	1	1	1	9	3	1	2	18	4	2	2	8	2			1			3	50	111,600
NEW MEXICO													1	2		2		1		6	24	1	5	30								36	57,400
OREGON																					13	6	24	43								43	64,200
UTAH																					13	2	1	16								16	24,600
WYOMING	2	3				8	5	4		5		27					1		3	4	23		2	25								56	113,600
TOTAL	**10**	**17**	**1**	**5**	**14**	**38**	**12**	**48**	**9**	**40**	**16**	**210**	**17**	**10**	**10**	**56**	**12**	**27**	**27**	**159**	**102**	**13**	**66**	**181**	**4**	**2**	**4**	**5**	**2**	**2**	**19**	**569**	**$1,141,200**

Payments by fields: Medicine, $522,000; Dentistry, $325,600; Dental Hygiene, $19,000; Veterinary Medicine, $274,600.

FOR PURPOSES OF COMPARISON	1967	1968
Medical students	215	210
Dental students	142	159
Dental hygiene students	16	19
Veterinary students	180	181
Total students	553	569
Support fees	$994,967	$1,141,200

LEGEND:

LL	Loma Linda University, California
STAN.	Stanford University, California
ARIZ.	University of Arizona
UCLA	University of California, Los Angeles
UCSF	University of California, San Francisco
COLO.	University of Colorado
NM	University of New Mexico
OREG.	University of Oregon
USC	University of Southern California
UTAH	University of Utah
WASH.	University of Washington
UOP	University of the Pacific, California
CSU	Colorado State University
UCD	University of California, Davis
WSU	Washington State University
ISU	Idaho State University
RC	Rangely College, Colorado

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